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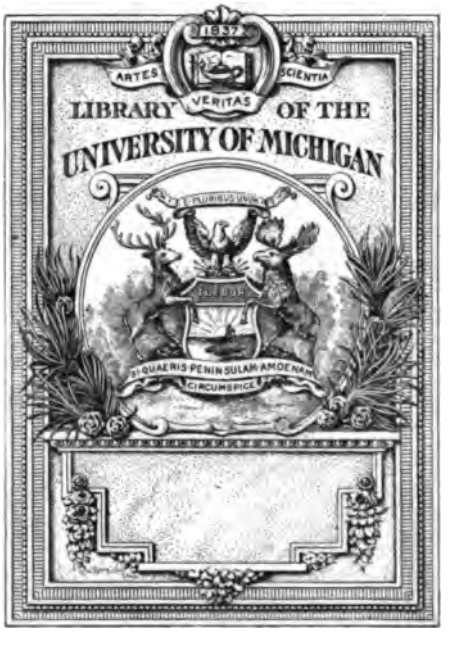

THE GIFT OF
Supt. Pub. Doc.

5392

60TH CONGRESS : : 2D SESSION

DECEMBER 7, 1908-MARCH 4, 1909

SENATE DOCUMENTS

IN 23 VOLUMES

VOL. 5

WASHINGTON::GOVERNMENT PRINTING OFFICE::1908

60TH CONGRESS, 2d Session } SENATE { DOCUMENT No. 570

NAVY YEARBOOK

COMPILATION OF ANNUAL NAVAL APPROPRIATION LAWS FROM 1883 TO 1908

INCLUDING PROVISIONS FOR THE CONSTRUCTION OF ALL VESSELS OF THE "NEW NAVY"

WITH TABLES SHOWING PRESENT NAVAL STRENGTH IN VESSELS AND PERSONNEL, AND AMOUNT OF APPROPRIATIONS FOR THE NAVAL SERVICE

COMPILED BY

PITMAN PULSIFER

CLERK TO THE COMMITTEE ON NAVAL AFFAIRS
UNITED STATES SENATE

DECEMBER 10, 1908.—Ordered to be printed

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

FORTY-SEVENTH CONGRESS, SECOND SESSION, MARCH 3, 1883.

[PUBLIC—No. 48.]

AN ACT making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the government for the year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes:

For the pay of the Navy, for the active-list, namely: For one Admiral, one Vice-Admiral, ten rear-admirals, eight chiefs of bureau, twenty-four commodores, forty-eight captains, ninety commanders, eighty lieutenant-commanders, two hundred and eighty lieutenants, one hundred masters, the title of which grade is hereby changed to that of lieutenants, and the masters now on the list shall constitute a junior grade of, and be commissioned as, lieutenants, having the same rank and pay as now provided by law for masters, but promotion to and from said grade shall be by examination as provided by law for promotion to and from the grade of master, and nothing herein contained shall be so construed as to increase the pay now allowed by law to any officer in the line or staff; one hundred ensigns, ninety-one midshipmen, the title of which grade is hereby changed to that of ensign, and the midshipman now on the list shall constitute a junior grade of, and be commissioned as, ensigns, having the same rank and pay as now provided by law for midshipmen, but promotions to and from said grade shall be under the same regulations and requirements as now provided by law for promotion to and from the grade of midshipmen, and nothing herein contained shall be so construed as to increase the pay now allowed by law to any officer of said grade or of any officer of relative rank; fourteen medical directors, fifteen medical inspectors, fifty surgeons, eighty passed assistant surgeons, twelve assistant surgeons, two assistant surgeons not in the line of promotion who shall hereafter, after fifteen years' service, be entitled to receive, as annual pay, when at sea, two thousand one hundred dollars, when on shore duty, one thousand eight hundred dollars, and when on leave or waiting orders, one thousand six hundred dollars, thirteen pay directors, twelve pay inspectors, fifty paymasters, thirty past assistant paymasters, twenty assistant paymasters, sixty-nine chief engineers, ninety-nine past assistant engineers, sixty-two assistant engineers, sixty-two cadet engineers, twenty-three chaplains, eleven professors of mathematics, ten naval constructors, six assistant naval constructors, ten civil engineers, one hundred and ninety-five warrant officers, forty mates, three hundred and thirty-five naval cadets; in all, three million nine hundred and forty thousand eight hundred dollars: Hereafter only one half of the vacancies in the various grades in the staff corps of the navy shall be filled by

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promotion until such grades shall be reduced to the numbers fixed for the several grades of the staff corps of the navy by the act of August fifth, eighteen hundred and eighty two, making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty three, and for other purposes.

For pay of the retired list, namely: For forty-six rear-admirals, twenty-one commodores, eleven captains, ten commanders, sixteen lieutenant-commanders, nine lieutenants, eleven masters, six ensigns, one midshipman, twenty-two medical directors, two medical inspectors, two surgeons, four passed assistant surgeons, seven assistant surgeons, seven pay-directors, two pay-inspectors, four paymasters, two passed assistant paymasters, one assistant paymaster, ten chief engineers, twenty one passed assistant engineers, twenty-five assistant engineers, eight chaplains, six professors of mathematics, one chief constructor, three civil engineers, eleven boatswains, nine gunners, eleven carpenters, and nine sailmakers; in all, seven hundred and three thousand one hundred and eighty dollars:

For pay to petty officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineers' force, and for the Coast Survey Service, not exceeding eight thousand two hundred and fifty in all, two million four hundred and ninety thousand dollars.

For two secretaries, one to the Admiral and one to the Vice-Admiral, clerks to paymasters, clerks at inspections, navy-yards, and stations, and extra pay to men enlisted under honorable discharge; commission and interest, transportation of funds, exchange, mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders; and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets and for the payment of any such officers as may be in service, either upon the active or retired list, during the year ending June thirtieth, eighteen hundred and eighty four, in excess of the numbers of each class provided for in this act, and for any increase of pay arising from different duty, as the needs of the service may require, three hundred thousand dollars. And all officers of the Navy shall be credited with the actual time they may have served as officers or enlisted men in the regular or volunteer Army or Navy, or both, and shall receive all the benefits of such actual service in all respects in the same manner as if all said service had been continuous and in the regular Navy in the lowest grade having graduated pay held by such officer since last entering the service: *Provided*, That nothing in this clause shall be so construed as to authorize any change in the dates of commission or in the relative rank of such officers: *Provided further*, That nothing herein contained shall be so construed as to give any additional pay to any such officer during the time of his service in the volunteer army or navy.

For contingent expenses of the Navy, namely: For rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices at the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library; mail and express wagons, and livery and express fees; costs of suits; commissions,

warrants, diplomas, and discharges; relief of vessels in distress, and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; for putting in order and preserving the grave of Paul Hamilton, a former Secretary of the Navy, the expenditure therefor not to exceed one hundred dollars; reports, professional investigation, cost of special instruction, and information abroad, and the collection and classification thereof; and all other emergencies and extraordinary expenses, arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, one hundred thousand dollars.

BUREAU OF NAVIGATION.

For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries for ships of war; naval signals and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings, and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's ways, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, for the holds and spirit-room, for decks and quartermasters' use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used for the engineer department; candles when used as a substitute for oil in binnacles and running-lights; for chimneys and wicks; and soap used in navigation department; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering-signals and indicators, and for speaking-tubes and gongs for signal communication on board vessels of war; and for introducing electric lights on board vessels of war, not exceeding five thousand dollars; in all, one hundred thousand dollars.

For special ocean surveys and the publication thereof, ten thousand dollars.

For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing on public business; advertising for proposals; packing-boxes and materials; and all other contingent expenses, four thousand dollars.

For the civil establishment at navy-yards and stations, five thousand dollars.

BUREAU OF ORDNANCE.

For procuring, producing, and preserving ordnance material; for the armament of ships, and for fuel, tools, materials and labor to be used in the general work of the Ordnance Department for these purposes, one hundred and fifty thousand dollars. And any balance of the appropriation made for commencing the manufacture of steel rifled breech-loading guns, with carriages and ammunition, that may be unexpended during the fiscal year eighteen hundred and eighty-three, is hereby re-appropriated and made available for continuing that serv-

ice during the fiscal year ending June thirtieth, eighteen hundred and eighty-four.

For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, including breakwaters at the magazine, Ellis Island, New York, and the erection of a shell-filling house at the Bellevue magazine, Washington, fifteen thousand dollars.

That the President of the United States is hereby authorized and requested to select from the Army and Navy six officers, who shall constitute a board for the purpose of examining and reporting to Congress which of the navy-yards or arsenals owned by the government has the best location and is best adapted for the establishment of a government foundry, or what other method, if any, should be adopted for the manufacture of heavy ordnance adapted to modern warfare, for the use of the Army and Navy of the United States, the cost of all buildings, tools, and implements necessary to be used in the manufacture thereof, including the cost of a steam-hammer or apparatus of sufficient size for the manufacture of the heaviest guns; and that the President is further requested to report to Congress the finding of said board at as early a date as possible; *Provided*, That no extra compensation shall be paid the officers serving on the board hereby created.

For miscellaneous items, namely: For freight to foreign and home stations, advertising and auctioneers' fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams, three thousand dollars.

For the civil establishment at navy-yards and stations, five thousand dollars.

For the torpedo corps, namely: For labor, material, and freight and express charges; general repairs to grounds, buildings, and wharves; boats' instruction, instruments, tools, experiments, and general torpedo outfits, fifty thousand dollars.

TORPEDOES.

For the purchase and manufacture, after full investigation and test in the United States under the direction of the Secretary of the Navy, of torpedoes adapted to naval warfare, or of the right to manufacture the same and for the fixtures and machinery necessary for operating the same, one hundred thousand dollars: *Provided*, That no part of said money shall be expended for the purchase or manufacture of any torpedo or of the right to manufacture the same until the same shall have been approved by the Secretary of the Navy, after a favorable report to be made to him by a board of naval officers to be created by him to examine and test said torpedoes and inventions.

BUREAU OF EQUIPMENT AND RECRUITING.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, hides, and other materials for the manufacture of rope and cordage; iron for manufacture of cables, anchors, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-

yards, eight hundred thousand dollars; and the Secretary of the Navy is authorized and empowered, within his discretion, to constitute and introduce, as a portion of the equipment of the Navy, the life saving dress adopted and approved by the Life Saving Service of the United States.

For expenses of recruiting: For expenses of recruiting, rent of rendezvous, and expenses of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys, at home and abroad, twenty-five thousand dollars.

For contingent expenses equipment and recruiting: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage, car-tickets, ferriage, ice, apprehension of deserters and stragglers, assistance to vessels in distress, continuous-service certificates and good-conduct badges for enlisted men, school books for training-ships, extra medals for boys, and emergencies arising under cognizance of Bureau of Equipment and Recruiting unforeseen and impossible to classify, ten thousand dollars.

For the civil establishment at navy-yards and stations nine thousand dollars.

BUREAU OF YARDS AND DOCKS.

For general maintenance of yards and docks, namely: For freight and transportation of materials and stores, books, models, maps, and drawings; purchase and repair of fire-engines; machinery, repairs on steam fire engines, and attendance on the same; purchase and maintenance of oxen and horses, and driving teams, carts, and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; dredging; postage on letters and other mailable matter on public service and telegrams; furniture for government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards, and care of public buildings; attendance on fires; lights; fire engines and apparatus; for clerical and incidental labor at navy-yards; water-tax, and for toll and ferriages; rent of officers' quarters at League Island; pay of the watchmen in the navy-yards; and for awning and packing-boxes, and advertising, two hundred and sixty-four thousand dollars, of which sum sixty four thousand dollars shall be immediately available.

For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

For the civil establishment at navy-yards and stations, twenty-four thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

For support of the medical department: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, forty thousand dollars.

For the naval-hospital fund, namely: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars. And if the Secretary of the Navy shall not be able to maintain properly the whole number of naval hospitals now kept open on the amounts hereby appropriated for the maintenance of and civil establishment at naval hospitals, he shall close those which are least necessary to the service, and provide for the patients now cared for therein at such other naval hospitals as may be most convenient

For contingent expenses of the bureau: For freight on medical stores; transportation of insane patients to the government hospital; advertising; telegraphing; purchase of books; expenses attending the medical board of examiners; rent of rooms for naval dispensary, hygienic and sanitary investigation and illustration; purchase and repair of wagons and harness; purchase and feed of horses and cows; trees, garden tools, and seeds, twenty five thousand dollars.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, sidewalks, fences, gardens, farms, and cemeteries, fifteen thousand dollars.

For the maintenance of the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, twenty thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, seamen and marines; expenses of the handling and transportation of provisions; of inspections and storehouses; purchase of water for ships for cooking and drinking purposes, and for provisions and commutation of rations for seven hundred and fifty boys, one million one hundred thousand dollars.

For contingent expenses: For freight on shipments (except provisions), candles, fuel; books and blanks; stationery; advertising and commissions on sales; furniture for inspection and pay-offices in navy-yards; foreign postage, telegrams, and express charges; toll, ferriages, and car-tickets; yeomans stores, iron safes, ice, newspapers, and incidental expenses absolutely necessary, forty thousand dollars.

For civil establishment, six thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy yards and on foreign stations; preservation of materials; purchase of tools; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair, and incidental expenses, namely, advertising and foreign postage, one million one hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the civil establishment, twenty thousand dollars.

BUREAU OF STEAM ENGINEERING.

For repairs, completion, and preservation of machinery and boilers, including steam steerers, steam capstans, steam windlasses, and so forth, in vessels on the the stocks and in ordinary; purchase and preservation of all materials and stores; purchase, fitting, and repair of machinery and tools in the navy-yards and stations; wear, tear, and re-

pair of machinery and boilers of naval vessels; incidental expenses, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, one million dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power, but nothing herein contained shall prevent the repair or building of boilers for wooden ships, the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and material.

For contingencies, such as instruments and materials for draughting room, one thousand dollars.

For the civil establishment, ten thousand dollars.

INCREASE OF THE NAVY.

To be applied by the Secretary of the Navy under the appropriate bureaus: For engines and machinery for the double-turreted iron-clads, in accordance with the recommendations of the Naval Advisory Board, one million dollars.

The execution of no contract shall be entered upon for the completion of the engines and machinery of either of these vessels until the terms thereof shall be approved by said Board, who shall approve only contracts which may be to the best advantages of the government, and fair and reasonable, according to the lowest market price for similar work. And the Secretary of the Navy shall take possession of the double-turreted iron-clads, and if he thinks best, remove the same to the government navy-yards; and he shall ascertain the amounts which ought to be paid to the contractors severally for the use and occupation of their yards with said ships, and for the care thereof, and report the same, with all the facts connected therewith, to Congress.

For the construction of the steel cruiser of not less than four thousand three hundred tons displacement now specially authorized by law, two steel cruisers of not more than three thousand nor less than two thousand five hundred tons displacement each, and one dispatch boat, as recommended by the Naval Advisory Board in its report of December twentieth, eighteen hundred and eighty-two, one million three hundred thousand dollars; and for the construction of all which vessels, except their armament, the Secretary of the Navy shall invite proposals from all American ship-builders whose ship-yards are fully equipped for building or repairing iron and steel steamships, and constructors of marine engines, machinery, and boilers; and the Secretary of the Navy is authorized to construct said vessels and procure their armament at a total cost for each not exceeding the amounts estimated by the Naval Advisory Board in said report, and in the event that such vessels or any of them shall be built by contract, such building shall be under contracts with the lowest and best responsible bidder or bidders, made after at least sixty days' advertisement, published in five of the leading newspapers of the United States, inviting proposals for constructing said vessels, subject to all such rules, regulations, superintendence, and provisions as to bonds and security for the due completion of the work as the Secretary of the Navy shall prescribe; and no such vessel shall be accepted unless completed in strict conformity with the contract, with the advice and assistance of the Naval Advisory Board, and

in all respects in accordance with the provisions of the act of August fifth, eighteen hundred and eighty-two, except as they are hereby modified; and the authority to construct the same shall take effect at once; and the Secretary of the Navy may, in addition to the appropriation hereby made, apply to the constructing and finishing of the vessels in this clause refferred to any balance of the appropriation made to the Bureaus of Construction and Repair and Steam-Engineering for the current fiscal year or in the present act which may remain available for that purpose: *Provided*, That he shall utilize the national navy-yards, with the machinery, tools, and appliances belonging to the government there in use in the building of said ships, or any parts thereof, as fully and to as great an extent as the same can be done with advantage to the government.

The services and expenses of the two civilian expert members of the Naval Advisory Board may be paid from the appropriations for the increase of the Navy, not exceeding eleven thousand dollars.

For investigating and testing the practicability of deflective turrets designed by Passed Assistant Engineer N. B. Clark, twenty thousand dollars, to be available immediately, the investigation and test to be made by the Naval Advisory Board.

NAVAL ACADEMY.

For pay of professors and others: For two professors, namely, one of mathematics and one of chemistry, at two thousand five hundred dollars each; three professors (assistants), namely, one of physics, one of Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each; six assistant professors, namely, four of French, one of English studies, history, and laws, and one of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, at one thousand two hundred dollars; assistant librarian, at one thousand four hundred dollars; secretary of the Naval Academy, one thousand eight hundred dollars; three clerks to Superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively; one clerk to commandant of cadets, one thousand two hundred dollars; one clerk to paymaster, one thousand dollars; one dentist, one thousand six hundred dollars; one baker, six hundred dollars; one mechanic in department of physics and chemistry, seven hundred and thirty dollars; one cook, three hundred and twenty-five dollars and fifty cents; one messenger to Superintendent, six hundred dollars; one armorer, five hundred and twenty-nine dollars and fifty cents; one gunner's mate, four hundred and sixty-nine dollars and fifty cents, and one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and forty-nine dollars and fifty cents; six attendants at recitation rooms, library, store, chapel, and offices, at two hundred and forty dollars each; one band master, five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second class musicians at three hundred dollars each; one attendant in the department of astronomy and one in the department of physics and chemistry, at three *hundred dollars* each; in all, fifty-three thousand five hundred and fifty-*nine dollars*.

For pay of watchman and others: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of the gas and steam heating works of Academy, at five dollars per day; ten attendants at gas and steam heating works, one at three dollars, one at two dollars and fifty cents, and eight at two dollars per day each; one steam-pipe fitter, six hundred dollars; one foreman of joiners, one foreman of painters, and one foreman of masons, at three dollars and fifty cents per day each; one mason, at three dollars per day; two joiners and one painter, at two dollars and fifty cents per day each; one tinner, one gas-fitter, and one blacksmith, at two dollars and fifty cents per day each; in all, twenty-three thousand and sixty-two dollars and fifty cents.

For pay of mechanics and others: For one mechanic at workshop, at two dollars and twenty-five cents per diem; one master-laborer, to keep public grounds in order, at two dollars and twenty-eight cents per diem; fourteen laborers, to assist in same, three at two dollars per diem each and eleven at one dollar and fifty cents per diem each; one laborer, to superintend quarters of cadet-midshipmen and public grounds, at two dollars per diem; twenty servants, to keep in order and attend to quarters of cadet-midshipmen and public buildings, at twenty dollars per month each; in all, fourteen thousand five hundred and ninety dollars and twenty-three cents.

For pay of the employees in the department of steam-engineering, Naval Academy: One master-machinist, one boiler-maker, and one pattern-maker, at three dollars and fifty cents per day each; two machinists and one blacksmith, at two dollars and fifty cents per day each; four laborers, at one dollar and fifty cents per day each; in all, seven thousand six hundred and seventy-one dollars.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars: *Provided*, That no appropriations provided for in this act shall be construed to authorize or be applied to a new building for the use of the Superintendent or other officers of the Academy.

For fuel, and for heating and lighting the Academy and school-ships, seventeen thousand dollars.

For contingent expenses, Naval Academy: For purchase of books for the library, two thousand dollars.

For stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars.

For expenses of the Board of Visitors to the Naval Academy, one thousand five hundred dollars

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars.

For purchase of gas and steam machinery; steam-pipe and fittings; rent of building for the use of the Academy; freight; cartage; water; music; music and astronomical instruments; uniforms for the bandsmen; telegraphing; for feed and maintenance of teams; for current expenses and repairs of all kinds; and for incidental labor and expenses not applicable to any other appropriation, thirty-four thousand six hundred dollars.

For stores in the department of steam-enginery, eight hundred dollars.

For materials *for repairs* in steam-machinery, one thousand dollars.

MARINE CORPS.

For pay of officers on the active-list, as follows: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one quartermaster, one paymaster, four majors, two assistant quartermasters, one judge advocate-general, United States Navy, nineteen captains, thirty first lieutenants, and twenty-two second lieutenants, one hundred and seventy-four thousand and forty dollars.

For pay of officers on the retired-list: For one colonel, three majors, two assistant quartermasters, two captains, two first lieutenants, and three second lieutenants, twenty-five thousand eight hundred and fifty-eight dollars.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, and one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty-nine thousand and fifty-two dollars.

For ten clerks and two messengers, sixteen thousand and thirty-five dollars; payments to discharged soldiers for clothing undrawn, twenty thousand dollars; transportation of officers traveling under orders without troops, eight thousand dollars; commutation of quarters for officers where there are no public buildings, ten thousand dollars; in all, fifty-four thousand and thirty-five dollars.

For provisions for the Marine Corps, and for difference between cost of rations and commutation thereof for detailed men, sixty thousand dollars.

For clothing, seventy-seven thousand dollars.

For fuel, eighteen thousand dollars.

For military stores, namely: for pay of one chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents per day each; purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, flags, knapsacks, drums, fifes, bugles, and other instruments, five thousand dollars; purchase of ammunition, one thousand dollars; purchase and repair of instruments for the band, and purchase of music, five hundred dollars; in all, nine thousand seven hundred and eighty-six dollars and fifty cents.

For transportation of troops and for expenses of recruiting, ten thousand dollars.

For repairs of barracks, and rent of buildings to be used for the manufacture of clothing, stores for supplies, and offices of assistant quartermaster at Philadelphia, and for hire of quarters where there are no public buildings, ten thousand dollars.

For forage for four public horses, one for messenger to commandant and staff, Washington, District of Columbia, and three for general use at marine barracks, Mare Island, California, and League Island, Pennsylvania, seven hundred and twenty dollars.

For the purchase of forage, four thousand six hundred and eighty dollars: *Provided*, That no commutation for forage shall be paid.

For contingencies, namely: For freight; ferriage; toll; cartage; funeral expenses of marines; stationery; telegraphing; rent of telephone; apprehension of deserters; per diem to enlisted men employed on constant labor, for periods not less than ten days; repair of gas and

water fixtures; office and barrack furniture; mess utensils for enlisted men; packing-boxes; wrapping-paper; oil-cloth; crash; rope; twine; carpenter's tools; tools for police purposes; purchase and repair of hose; repairs to public carryall; purchase and repair of harness; repair of fire extinguishers; purchase and repair of handcarts and wheelbarrows; purchase and repair of cooking-stoves, and ranges, stoves where there are no grates; purchase of ice; towels and soap for offices; improving parade-grounds; repair of pumps and walks; laying drain and water pipes; introducing gas; and for other purposes, including gas and oil for marine barracks maintained at the various navy-yards and stations; and water at marine barracks, Boston, Massachusetts, Brooklyn, New York, Annapolis, Maryland, and Mare Island, California; also straw for bedding for enlisted men at the various posts, and furniture for government houses; in all, twenty-five thousand dollars.

At the Naval Asylum, Philadelphia, Pennsylvania; For superintendent, six hundred dollars; steward, four hundred and eighty dollars; matron, three hundred and sixty dollars; cook, two hundred and forty dollars; two assistant cooks, one hundred and sixty-eight dollars each; chief laundress, one hundred and ninety-two dollars; six laundresses, at one hundred and sixty-eight dollars each; nine scrubbers and waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; stable-keeper and driver, three hundred and sixty dollars; master-at-arms, four hundred and eighty dollars; corporal, three hundred dollars; barber, three hundred and sixty dollars; carpenter, eight hundred and forty-five dollars; water-rent and gas, two thousand dollars; ice, two hundred dollars; car-tickets, two hundred and fifty dollars; cemetery and burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings and preservation of all kinds, painting, and for grates, furnaces, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; and for support of beneficiaries, forty-three thousand five hundred dollars; in all, fifty-nine thousand eight hundred and thirteen dollars, which sum shall be paid out of the income from the naval pension fund.

SEC. 2. That hereafter no officer of the Navy shall be employed on any shore duty, except in cases specially provided by law, unless the Secretary of the Navy shall determine that the employment of an officer on such duty is required by the public interests, and he shall so state in the order of employment, and also the duration of such service, beyond which time it shall not continue.

Approved, March 3, 1883.

FORTY-EIGHTH CONGRESS, FIRST SESSION—JULY 7, 1884.

[PUBLIC—No. 113.]

AN ACT making temporary provision for the naval service.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the purpose of providing for the expenses of the naval service for the six months ending December thirty first, eighteen hundred and eighty four, there is hereby appropriated out of any money in the Treasury not otherwise appropriated one half or fifty per centum of the sums of money (and for the like purposes and continuing the same provisions relating thereto) as were appropriated for the service of the fiscal year ending June thirtieth eighteen hundred and eighty four, by the act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth eighteen hundred and eighty four and for other purposes" approved March third eighteen hundred and eighty three (except as hereinafter declared), subject to all the limitations and conditions in respect to the disbursement of the appropriations hereby made that were imposed by said act and the other laws of the United States upon or in respect to the appropriations made by said act: *Provided*, That nothing is appropriated by this act "for special ocean surveys and the publication thereof" or "for the purchase and manufacture after full investigation and test in the United States under the direction of the Secretary of the Navy of torpedoes adapted to naval warfare or of the right to manufacture the same and for the fixtures and machinery necessary for operating the same"; That the clause under the heading "Bureau of Yards and Docks" commencing "For general maintenance of yards and docks" is amended so as to appropriate for the six months herein provided for the sum of one hundred and ten thousand dollars;

That under the heading "Increase of the Navy" in said act, in lieu of all the paragraphs thereunder and preceding the heading of "Naval Academy" there is hereby substituted the following:

For continuing work upon the three new steel cruisers and one dispatch-boat authorized by act of Congress approved March third eighteen hundred and eight-three as follows: Chicago three hundred and forty nine thousand one hundred and thirty three dollars and forty five cents; Boston, two hundred and thirty one thousand eight hundred and fifty three dollars and twenty eight cents; Atlanta two hundred and thirty one thousand eight hundred and fifty three dollars and twenty seven cents; Dolphin one hundred and eight thousand six hundred and sixty dollars, in all nine hundred and twenty one thousand five hundred dollars; the four pivot-guns of the Chicago to be mounted on Clark's deflective single-gun turrets or V shields, of the same weight as is now allowed for the mounting and armor protection of the guns: *Provided*, That it shall not change the contract entered into by the Government for the construction of said vessels."

"For completion of steam-machinery and boilers, with necessary fittings for sea-service, of steel cruisers and dispatch boat, under contract with John Roach, as per act approved March third, eighteen hundred and eighty-three: United States steel cruiser Chicago, two hundred and twenty thousand dollars; United States steel cruiser Boston, one hundred and fifty five thousand dollars; United States steel cruiser Atlanta, one hundred and fifty five thousand dollars; United States dispatch-boat Dolphin, ninety thousand dollars; in all, six hundred and twenty thousand dollars.

For completing equipment outfits of three new cruisers and one dispatch-boat, now in course of construction, seventy eight thousand six hundred dollars."

"For navigation outfit of the four new steel cruisers thirty thousand dollars."

"For ordnance outfit of the three new steel cruisers and one dispatch boat, five hundred thousand dollars."

Nothing herein contained shall be construed as appropriating money for or authorizing the continuation of work upon the double-turreted-monitors, Monadnock, Terror, Amphitrite and Puritan, and any unexpended balance now remaining of the appropriation contained in said act approved March third eighteen hundred and eighty three for engines and machinery for the said double turreted monitors shall be covered into the Treasury, except such part thereof as may be required under existing contracts made for the engines and machinery of the three last named monitors.

Approved, July 7, 1884.

FORTY-EIGHTH CONGRESS, SECOND SESSION—JANUARY 30, 1885.

[PUBLIC—No. 19.]

AN ACT making additional appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the six months beginning January first, eighteen hundred and eighty-five, and ending June thirtieth, eighteen hundred and eighty-five, and for other purposes:

For the pay of the Navy, for the active-list, namely: For one Admiral, one Vice-Admiral, eight rear-admirals, seven Chiefs of Bureaus, twenty-one commodores, forty-five captains, eighty-seven commanders, seventy-eight lieutenant-commanders, two hundred and seventy-two lieutenants, ninety-five junior lieutenants, one hundred and ninety-three ensigns, fourteen medical directors, fifteen medical inspectors, fifty surgeons, seventy-nine passed assistant surgeons, eight assistant surgeons, two assistant surgeons not in the line of promotion (who shall hereafter, after fifteen years' service, be entitled to receive, as annual pay, when at sea, two thousand one hundred dollars, when on shore duty one thousand eight hundred dollars, and when on leave or waiting orders one thousand six hundred dollars), thirteen pay directors, twelve pay inspectors, forty-nine paymasters, twenty-nine passed assistant paymasters, twenty assistant paymasters, sixty-nine chief engineers, ninety-three passed assistant engineers, seventy-eight assistant engineers, twenty-four chaplains, eleven professors of mathematics, ten naval constructors, nine assistant naval constructors, ten civil engineers, one hundred and eighty-eight warrant officers, thirty-eight mates, two hundred and ninety-five naval cadets; in all, one million seven hundred and forty-three thousand seven hundred and fifty dollars.

For pay of the retired-list, namely: For forty-three rear-admirals, twenty commodores, eleven captains, twelve commanders, sixteen lieutenant-commanders, twenty-seven lieutenants, seven ensigns, twenty-two medical directors, two medical inspectors, four surgeons, five passed assistant surgeons, seven assistant surgeons, nine pay-directors, two pay-inspectors, four paymasters, two passed assistant paymasters, one assistant paymaster, eleven chief engineers, twenty passed assistant engineers, twenty-six assistant engineers, eight chaplains, six professors of mathematics, one chief constructor, three civil engineers, thirteen boatswains, ten gunners, nine carpenters, and seven sailmakers; in all, three hundred and sixty-one thousand eight hundred and sixty-five dollars.

For pay to petty officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineers' force and for the Coast Survey service, not exceeding eight thousand two hundred and fifty in all, one million two hundred and forty-five thousand dollars.

For two secretaries, one to the Admiral and one to the Vice-Admiral, clerks to paymasters, clerks at inspections, navy-yards, and stations, and extra pay to men enlisted under honorable discharge; commission and interest, transportation of funds, exchange; mileage to officers while travelling under orders in the United States, and for actual personal expenses of officers while travelling abroad under orders, and for travelling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary travelling expenses of navel cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets, and for the payment of any such officers as may be in service, either upon the active or retired list, during the year ending June thirtieth, eighteen hundred and eighty-five, in excess of the numbers of each class provided for in this act, and for any increase of pay arising from different duty, as the needs of the service may require; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices at the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library; mail and express wagons, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress, and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; reports, professional investigation, cost of special instruction, and information from abroad, and the collection and classification thereof, one hundred and eighty-seven thousand five hundred dollars.

For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices at Washington, District of Columbia, seven thousand five hundred dollars.

BUREAU OF NAVIGATION.

For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; naval signals and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings, and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's ways, and leads and other appliances for sounding; lanterns and lamps and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, for the holds and spirit-rooms, for decks and quartermasters' use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other *than that used in the* engineer department; candles when used as a

substitute for oil in binnacles and running-lights; chimneys and wicks and soap used in the navigation department; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering-signals and indicators, and speaking-tubes and gongs for signal communication on board vessels of war; and for introducing electric lights on board vessels of war, not exceeding two thousand five hundred dollars; in all, thirty-seven thousand five hundred dollars.

For the civil establishment at navy-yards and stations, two thousand five hundred dollars.

For erection of compass-testing house, seven thousand dollars.

For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials, postage and telegraphing on public business, advertising for proposals, packing-boxes and materials, and all other contingent expenses, one thousand five hundred dollars.

BUREAU OF ORDNANCE.

For procuring, producing, and preserving ordnance material; for the armament of ships; for fuel, tools, materials, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval experimental battery, fifty thousand dollars.

For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, seven thousand five hundred dollars.

For miscellaneous items, namely: For freight to foreign and home stations, advertising and auctioneers' fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams to and from the Bureau, one thousand five hundred dollars.

For the civil establishment at navy-yards and stations, two thousand five hundred dollars.

For the torpedo corps, namely: For labor, material, freight and express charges; general repairs to grounds, buildings, and wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, twenty-five thousand dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, hides, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; heating-apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, three hundred and fifty thousand dollars.

For expenses of recruiting: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad, twelve thousand five hundred dollars.

For contingent expenses equipment and recruiting: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage, car-tickets, ferriage, ice, apprehension of deserters and stragglers, assistance to vessels in distress, continuous-service certificates and good-conduct badges for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of Bureau of Equipment and Recruiting unforeseen and impossible to classify, five thousand dollars.

For the civil establishment at navy-yards and stations, four thousand five hundred dollars.

BUREAU OF YARDS AND DOCKS.

For general maintenance of yards and docks, namely: For freights and transportation of materials and stores; books, models, maps, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines, and attendance on the same; purchase and maintenance of oxen and horses, and driving teams, carts, and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; dredging; postage on letters and other mailable matter on public service, and telegrams; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards, and care of public buildings; attendance on fires, lights, fire-engines and apparatus; for clerical and incidental labor at navy-yards; water-tax, and for toll and ferriages; rent of four officers' quarters at League Island; pay of the watchmen in the navy-yards; and for awning and packing-boxes, and advertising for yard and dock purposes, ninety thousand dollars.

For contingent expenses that may arise at navy-yards and stations, five thousand dollars.

For the civil establishment at navy-yards and stations, twelve thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

For support of the medical department: For surgeons, necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, twenty thousand dollars.

For the naval-hospital fund, namely: For maintenance of the naval-hospitals at the various navy-yards and stations, fifteen thousand dollars. And if the Secretary of the Navy shall not be able to maintain properly the whole number of naval hospitals now kept open on the amounts hereby appropriated for the maintenance of and civil establishment at naval hospitals, he shall close those which are least necessary to the service, and provide for the patients now cared for therein at such other naval hospitals as may be most convenient.

For contingent expenses of the Bureau: For freight on medical stores; transportation of insane patients; advertising; telegraphing; purchase of books; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; purchase and repair of wagons and harness; purchase and feed of horses and cows; trees, garden tools, and seeds, twelve thou*sand five hun*dred dollars.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, sidewalks, fences, gardens, farms, and cemeteries, two thousand five hundred dollars.

For the maintenance of the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, ten thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, seamen, and marines; expenses of the handling and transportation of provisions; of inspections and storehouses; purchase of water for ships for cooking and drinking purposes; and for provisions and commutation of rations for seven hundred and fifty boys, five hundred and fifty thousand dollars: *Provided*, That all enlisted men and boys in the Navy, attached to any United States vessel or station and doing duty thereon, and naval cadets, shall be allowed a ration, or commutation thereof in money, under such limitations and regulations as the Secretary of the Navy may prescribe.

For contingent expenses: For freight on shipments (except provisions); candles, fuel; books and blanks; stationery; advertising and commissions on sales; furniture for inspection and pay offices in navy-yards; foreign postage, telegrams, and express charges; toll, ferriages, car-tickets; yeoman's stores, iron safes, newspapers, ice, and incidental expenses absolutely necessary, fifteen thousand dollars.

For the civil establishment, three thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy-yards and on foreign stations; preservation of materials; purchase of tools; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair, and incidental expenses, namely, advertising, foreign postage, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, four hundred and fifty thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the civil establishment, ten thousand dollars.

BUREAU OF STEAM-ENGINEERING.

For repairs, completion, and preservation of machinery and boilers, including steam-steerers, steam-capstans, steam-windlasses, and so forth, in vessels on the stocks and in ordinary; purchase and preservation of all materials and stores purchase, fitting, and repair of machinery and tools in the navy-yards and stations; wear, tear, and repair of machinery and boilers of naval vessels; incidental expenses, such as

foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, two hundred and eighty thousand dollars; and the unexpended balance of the appropriation of one million dollars made by the act approved March third, eighteen hundred and eighty-three, for engines and machinery for the double-turreted iron-clads be, and the same is hereby, reappropriated and made available during the last half of the year ending June thirtieth, eighteen hundred and eighty-five, for the purposes enumerated in this paragraph: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and material.

For contingencies, such as instrument and materials for draughting-room, five hundred dollars.

For the civil establishment, five thousand dollars.

INCREASE OF THE NAVY.

For completing the Mohican at the Mare Island Navy Yard, fifty thousand dollars.

For care and safe-keeping of the iron-clad monitors now in the hands of the contractors, when they shall have been turned over to the Government by said contractors, five thousand dollars.

NAVAL ACADEMY.

For pay of professors and others: For two professors, namely, one of mathematics, and one of chemistry, at the rate per annum of two thousand five hundred dollars each; three professors (assistants), namely, one of physics, one of Spanish, and one of English studies, history, and law, at the rate per annum of two thousand two hundred dollars each; six assistant professors, namely, four of French, one of English studies, history, and law, and one of drawing, at the rate per annum of one thousand eight hundred dollars each; sword-master, at the rate per annum of one thousand five hundred dollars, and two assistants, at the rate per annum of one thousand dollars each; boxing-master and gymnast, at the rate per annum of one thousand two hundred dollars; assistant librarian, at the rate per annum of one thousand four hundred dollars; Secretary of the Naval Academy, at the rate per annum of one thousand eight hundred dollars; three clerks to superintendent, at the rate per annum of one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively; one clerk to commandant of cadets, at the rate per annum of one thousand two hundred dollars; one clerk to paymaster, at the rate per annum of one thousand dollars; one dentist, at the rate per annum of one thousand six hundred dollars; one baker, at the rate per annum of six hundred dollars; one mechanic in department of physics and chemistry, at the rate per annum of seven hundred and thirty dollars; one cook, at the rate per annum of three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, at the rate per annum of six hundred dollars; one *armorer, at the* rate per annum of five hundred and twenty-nine dollars *and fifty cents; one gunner's* mate, at the rate per annum of four hun-

dred and sixty-nine dollars and fifty cents, and one quarter-gunner, at the rate per annum of four hundred and nine dollars and fifty cents; one cockswain, at the rate per annum of four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at the rate per annum of three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at the rate per annum of three hundred dollars each; six attendants at recitation-rooms, library, store, chapel, and offices, at the rate per annum of two hundred and forty dollars each; one band-master, at the rate per annum of five hundred and twenty eight dollars; twenty-one first-class musicians, at the rate per annum of three hundred and forty-eight dollars each; seven second-class musicians, at the rate per annum of three hundred dollars each; in all, twenty-six thousand seven hundred and seventy-nine dollars and fifty cents.

For pay of watchmen and others: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of the gas and steam-heating works of Academy, at five dollars per day; ten attendants at gas and steam-heating works, one at three dollars, one at two dollars and fifty cents, and eight at two dollars per day each; one steam-pipe fitter, at the rate per annum of six hundred dollars; one foreman of joiners, one foreman of painters, and one foreman of masons, at three dollars and fifty cents per day each; one mason, at three dollars per day; two joiners and one painter, at two dollars and fifty cents per day each; one tinner, one gas-fitter, and one blacksmith, at two dollars and fifty cents per day each; in all, eleven thousand five hundred and twelve dollars and seventy-five cents.

For pay of mechanics and others: For one mechanic at workshop, at two dollars and twenty-five cents per diem; one master laborer, to keep public grounds in order, at two dollars and twenty-eight cents per diem; fourteen laborers, to assist in same, three at two dollars per diem each and eleven at one dollar and fifty cents per diem each; one laborer, to superintend quarters of cadet-midshipmen and public grounds, at two dollars per diem; twenty servants, to keep in order and attend to quarters of cadet-midshipmen and public buildings, at twenty dollars per month each; in all, seven thousand two hundred and eighty-eight dollars and forty-eight cents.

For pay of the employees in the department of steam-engineering, Naval Academy: One master machinist, one boiler-maker, and one pattern-maker, at three dollars and fifty cents per day each; two machinists and one blacksmith, at two dollars and fifty cents per day each; four laborers, at one dollar and fifty cents per day each; in all, three thousand eight hundred and thirty-four dollars.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, ten thousand five hundred dollars: *Provided*, That no appropriations provided for in this act shall be construed to authorize or be applied to a new building for the use of the superintendent or other officers of the Academy.

For fuel, and for heating and lighting the Academy and school-ships, eight thousand five hundred dollars.

For contingent expenses, Naval Academy: For purchase of books for the library, one thousand dollars.

For stationery, blank-books, models, maps, and for text-books for use of instructors, one thousand dollars.

For expenses of the Board of Visitors to the Naval Academy, seven hundred and fifty dollars.

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, one thousand two hundred and fifty dollars.

For purchase of gas and steam machinery; steam-pipe and fittings; rent of building for the use of the Academy; freight; cartage; water; music; musical and astronomical instruments; uniforms for the bandsmen; telegraphing; for feed and maintenance of teams; for current expenses and repairs of all kinds; and for incidental labor and expenses not applicable to any other appropriation, seventeen thousand three hundred dollars.

For stores in the department of steam-enginery, four hundred dollars.

For materials for repairs in steam-machinery, five hundred dollars

MARINE CORPS.

For pay of officers on the active-list, as follows: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one quartermaster, one paymaster, four majors, two assistant quartermasters, one judge-advocate-general United States Navy, nineteen captains, thirty first lieutenants, and twenty-two second lieutenants, ninety-eight thousand two hundred and twenty dollars; and from and after the passage of this act there shall be no appointments, except by promotion, to fill vacancies occurring in the list of commissioned officers of the Marine Corps until the number of such officers shall have been reduced, by casualties or otherwise, below seventy-five as fixed by the act approved June thirtieth, eighteen hundred and seventy-six; and after the number of officers shall be reduced as above provided, the whole number of commissioned officers on the active list in the Marine Corps shall not exceed seventy-five.

For pay of officers on the retired-list: For one colonel, three majors, two assistant quartermasters, three captains, two first lieutenants, and three second lieutenants, fourteen thousand eight hundred and nineteen dollars.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, and one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, one hundred and ninety-four thousand five hundred and twenty-six dollars.

For ten clerks and two messengers, eight thousand and seventeen dollars and fifty cents; payments to discharged soldiers for clothing undrawn, ten thousand dollars; transportation of officers travelling under orders without troops, four thousand dollars; commutation of quarters for officers where there are no public buildings, two thousand dollars; in all, twenty-four thousand and seventeen dollars and fifty cents.

For provisions for the Marine Corps, and for difference between cost of rations and commutation thereof for detailed men, thirty thousand dollars.

For clothing, thirty-eight thousand five hundred dollars.

For fuel, nine thousand dollars.

For military stores, namely: For pay of one chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents per day each; purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, flags, knapsacks, drums, fifes, bugles, and other instruments, two thousand five hundred dollars; purchase of ammunition, five hundred dollars; purchase and repair of instruments for the band and purchase of music, two hundred and fifty dollars; in all, four thousand eight hundred and ninety-three dollars and twenty-five cents.

For transportation of troops and for expenses of recruiting, five thousand dollars.

For repairs of barracks, and rent of buildings to be used for the manufacture of clothing, stores for supplies, and offices of assistant quartermaster at Philadelphia, and for hire of quarters where there are no public buildings, seven thousand two hundred and fifty dollars.

For forage for four public horses, one for messenger to commandant and staff, Washington, District of Columbia, and three for general use at marine barracks, Mare Island, California, and League Island, Pennsylvania, three hundred and sixty dollars.

For the purchase of forage, two thousand three hundred and forty dollars: *Provided*, That no commutation for forage shall be paid.

For contingencies, namely: For freight; ferriage; toll; cartage; funeral expenses of marines; stationery; telegraphing; rent of telephone; apprehension of deserters; per diem to enlisted men employed on constant labor for periods not less than ten days; repair of gas and water fixtures; office and barrack furniture; mess utensils for enlisted men; packing-boxes; wrapping-paper; oil-cloth; crash; rope; twine; carpenter's tools; tools for police purposes; purchase and repair of hose; repairs to public carryall; purchase and repair of harness; repair of fire-extinguishers; purchase and repair of hand-carts and wheelbarrows; purchase and repair of cooking-stoves, ranges, and so forth; stoves where there are no grates; purchase of ice; towls and soap for offices; improving parade-grounds; repair of pumps and wharves laying drain and water pipes; introducing gas; and for other purposes, including gas and oil for marine barracks maintained at the various navy-yards and stations; and water at marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland, and Mare Island, California; also straw for bedding for enlisted men at the various posts, and furniture for Government houses; in all, twelve thousand five hundred dollars.

At the Naval Asylum, Philadelphia, Pennsylvania: For superintendent, at the rate per annum of six hundred dollars; steward, at the rate per annum of four hundred and eighty dollars; matron, at the rate per annum of three hundred and sixty dollars; cook, at the rate per annum of two hundred and forty dollars; two assistant cooks, at the rate per annum of one hundred and sixty-eight dollars each; chief laundress, at the rate per annum of one hundred and ninety-two dollars; six laundresses, at the rate per annum of one hundred and sixty-eight dollars each; nine scrubbers and waiters, at the rate per annum of one hundred and sixty-eight dollars each; six laborers, at the rate per annum of two hundred and forty dollars each; stable-keeper and driver, at the rate per annum of three hundred and sixty dollars; master-at-arms, at the rate per annum of four hundred and eighty dollars; corporal, at the rate per annum of three hundred dollars; barber, at the rate per annum of three hundred *and sixty dollars;* carpenter, at the rate per annum of eight

hundred and forty-five dollars; water-rent and gas, one thousand dollars; ice, one hundred dollars; car-tickets, one hundred and twenty-five dollars; cemetery and burial expenses, and headstones, one hundred and seventy-five dollars; improvement of grounds, two hundred and fifty dollars; repairs to buildings and preservation of all kinds, painting, and for grates, furnaces, ranges, furniture, and repairs of furniture, two thousand two hundred and fifty dollars; and for support of beneficiaries, twenty-one thousand seven hundred and fifty dollars; in all, twenty-nine thousand nine hundred and six dollars and fifty cents, which sum shall be paid out of the income from the naval pension fund.

SEC. 2. That all appropriations made by the act of July seventh, eighteen hundred and eighty-four, making temporary provisions for the naval service for the six months ending December thirty-first, eighteen hundred and eighty-four, or any balances thereof that may be unexpended at that date, be, and they are hereby, reappropriated, continued, and made available for the remainder of the fiscal year ending June thirtieth, eighteen hundred and eighty-five.

SEC. 3. That the Secretary of the Navy is hereby directed to report to Congress, at its next and each regular session thereafter, the amount expended during the prior fiscal year, from the appropriations for the pay of the Navy, Bureaus of Navigation, Ordnance, Equipment and Recruiting, Yards and Docks, Medicine and Surgery, Provisions and Clothing, Construction and Repair, and Steam-Engineering, for civilians employed on clerical duty, or in any other capacity than as ordinary mechanics and workingmen, and to submit, under the estimates for pay of the Navy and for the respective Bureaus enumerated above, specific estimates for such civilian employees for the fiscal year eighteen hundred and eighty-seven, and each fiscal year thereafter.

Approved, January 30th, 1885.

[PUBLIC—No. 90.]

AN ACT making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and eighty-six, and for other purposes:

For the pay of the Navy, for the active-list, namely: For one Admiral, one Vice-Admiral, seven rear-admirals, eight Chiefs of Bureaus, nineteen commodores, forty-three captains, eight-four commanders, seventy-four lieutenant-commanders, two hundred and sixty lieutenants, eighty-nine junior lieutenants, one hundred and ninety-one ensigns, fourteen medical directors, fifteen medical inspectors, forty-seven surgeons, seventy-four passed assistant surgeons, eight assistant surgeons, two assistant surgeons not in the line of promotion, thirteen pay-directors, twelve pay-inspectors, forty-eight paymasters, twenty-eight passed assistant paymasters, nineteen assistant paymasters, sixty-nine chief engineers, eighty-eight passed assistant engineers, eighty-one assistant engineers, twenty-four chaplains, twelve professors of mathematics, ten naval constructors, nine assistant naval constructors, ten civil engineers, one hundred and sixty-six warrant officers, thirty-seven mates, two hundred and ninety-six naval cadets; in all, three million six hundred and fifty-two thousand nine hundred dollars.

For pay of the retired-list, namely: For forty-eight rear-admirals, fifteen commodores, twelve captains, ten commanders, twenty-one lieuten ant-commanders, thirty-five lieutenants, eight ensigns, twenty-one medical directors, three medical inspectors, seven surgeons, six passed assistant surgeons, six assistant surgeons, ten pay-directors, two pay inspectors, four paymasters, two passed assistant paymasters, one assistant paymaster, fourteen chief engineers, twenty-four passed assistant engineers, twenty-five assistant engineers, eight chaplains, six professors of mathematics, one chief constructor, three civil engineers, seventeen boatswains, sixteen gunners, ten carpenters, and eleven sailmakers; in all, seven hundred and ninety-seven thousand eight hundred and eighty dollars.

For pay to petty officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineeers' force and for the Coast Survey service, not exceeding eight thousand two hundred and fifty in all, two million four hundred and ninety thousand dollars.

MISCELLANEOUS.

For two secretaries, one to the Admiral and one to the Vice-Admiral, clerks to paymasters, clerks at inspections, navy-yards, and stations,

and extra pay to men enlisted under honorable discharge; commission and interest, transportation of funds, exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets, and for the payment of any such officers as may be in service, either upon the active or retired list, during the year ending June thirtieth, eighteen hundred and eighty-six, in excess of the numbers of each class provided for in this act, and for any increase of pay arising from different duty, as the needs of the service may require; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices at the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library; mail and express wagons, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress, and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; reports, professional investigation, cost of special instruction, and information from abroad, and the collection and classification thereof, three hundred and seventy-five thousand dollars.

For all emergencies and extraordinary expenses, arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, twenty thousand dollars.

BUREAU OF NAVIGATION.

For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; naval signals and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings, and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's ways, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, for the holds and spirit-room, for decks and quartermasters' use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles when used as a substitute for oil in binnacles and running-lights; chimneys and wicks; and soap used in the navigation department; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical in uments and music for vessels of war; steering-signals and indicat-
, and speaking-tubes and gongs for signal communication on board
els of war; and for introducing electric lights on board vessels of
, in all, eighty-seven thousand five hundred dollars.

For special ocean surveys and the publication thereof, ten thousand dollars.

For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials, postage and telegraphing on public business, advertising for proposals, packing-boxes and materials, and all other contingent expenses, four thousand dollars.

For the civil establishment at navy-yards and stations, five thousand dollars.

BUREAU OF ORDNANCE.

For preserving and handling ordnance and ordnance material of the kinds now in service, for the armament of ships therewith, for the purchase or manufacture of ammunition therefor, for materials and labor to be used in the general work of the Ordnance Bureau for these purposes; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving-ground, one hundred and twenty-five thousand dollars.

For the purchase or manufacture of steel guns of small caliber for ships now in service, and for testing the same at the naval ordnance proving ground, twenty-one thousand dollars.

For the completion and public test of two breech-loading rifle cannon of the larger calibers now in course of construction for the Navy, with carriages and ammunition for both, eighty thousand dollars.

For completing a six-inch wire-wound gun, four thousand dollars.

For testing American armor made of American material, twenty-five thousand dollars.

For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

For miscellaneous items, namely: For freight to foreign and home stations, advertising and auctioneers' fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams to and from the Bureau, three thousand dollars.

For the civil establishment at navy-yards and stations, five thousand dollars.

For the torpedo corps, namely: For labor, material, freight and express charges; general repairs to grounds, buildings, and wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, hides, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, eight hundred thousand dollars.

For expenses of recruiting: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for *men and* boys, and all other expenses attending the re-

cruiting for the naval service and for the transportation of enlisted men and boys at home and abroad, thirty thousand dollars.

For contingent expenses equipment and recruiting: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage, ferriage, ice, apprehension of deserters and stragglers, assistance to vessels in distress, continuous-service certificates and good-conduct badges for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of Bureau of Equipment and Recruiting unforeseen and impossible to classify, fifteen thousand dollars.

For the civil establishment at navy-yards and stations, nine thousand dollars.

BUREAU OF YARDS AND DOCKS.

For general maintenance of yards and docks, namely: For freights and transportation of materials and stores, books, models, maps, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines, and attendance on the same; purchase and maintenance of oxen and horses, and driving teams, carts, and timber-wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; dredging; postage on letters and other mailable matter on public service; telegrams; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of public buildings; attendance on fires, lights, fire-engines and apparatus; for clerical and incidental labor at navy-yards; water-tax, and for toll and ferriages; rent of four officers' quarters at League Island; pay of the watchmen in the navy-yards; and for awning and packing-boxes, and advertising for yard and dock purposes, two hundred thousand dollars.

For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

For the civil establishment at navy-yards and stations, twenty-four thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

For support of the medical department: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, sixty thousand dollars.

For the naval-hospital fund, namely: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars.

For contingent expenses of the Bureau: For freight or expressage on medical stores; toll, ferriages transportation of insane patients; advertising; telegraphing; rent of telephones; purchase of books; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repair of wagons and harness; purchase and feed of horses and cows; trees, plants, garden-tools, and seeds; furniture and incidental articles for museum of hygiene, naval dispensary, Washington, naval-laboratory, sick-quarters *at Naval Academy*, and dispensaries at navy-yards; washing for med-*ical department at museum of hygiene*, naval dispensary, Washington,

naval laboratory, sick-quarters at Naval Academy, dispensaries at navy-yards, and for receiving-ships and rendezvous, twenty-five thousand dollars.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, side-walks, fences, gardens, farms, and cemeteries, ten thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, naval cadets, seamen, and marines; expenses of inspections and storehouses, including labor; purchase of water for cooking and drinking on board ships; and for provisions and commutation of rations for seven hundred and fifty boys, one million eighty-five thousand dollars.

For contingent expenses: For freight on shipments, candles, fuel, books and blanks, stationery, advertising, furniture for inspection and pay-offices in navy-yards, expenses of naval-clothing factory, foreign postage, telegrams, and express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and incidental expenses absolutely necessary, fifty thousand dollars.

For the civil establishment, six thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy-yards and on foreign stations; preservation of materials; purchase of tools; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, namely, advertising, foreign postage, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, one million dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the civil establishment, twenty thousand dollars.

BUREAU OF STEAM-ENGINEERING.

For repairs, completion, and preservation of machinery and boilers, including steam-steerers, steam-capstans, steam-windlasses, and so forth, in vessels on the stocks and in ordinary; purchase and preservation of all materials and stores; purchase, fitting, and repair of machinery and tools in the navy-yards and stations; wear, tear, and repair of machinery and boilers of naval vessels; incidental expenses for naval vessels, yards, and Bureaus, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, nine hundred and fifty thousand dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum

of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

For contingencies, such as instruments and materials for draughting-room, one thousand dollars.

For the civil establishment, ten thousand dollars.

NAVAL ACADEMY.

For pay of professors and others: For two professors, namely, one of mathematics and one of chemistry, at two thousand five hundred dollars each; three professors (assistants), namely, one of physics, one of Spanish and French, and one of English studies, history, and law, at two thousand two hundred dollars each; six assistant professors, namely, four of French, one of English studies, history, and laws, and one of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, at one thousand two hundred dollars; assistant librarian, at one thousand four hundred dollars; secretary of the Naval Academy, one thousand eight hundred dollars; three clerks to superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively; one clerk to commandant of cadets, one thousand two hundred dollars; one clerk to paymaster, one thousand dollars; one dentist, one thousand six hundred dollars; one baker, six hundred dollars; one mechanic in department of physics and chemistry, seven hundred and thirty dollars; one cook, three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, six hundred dollars; one armorer, five hundred and twenty-nine dollars and fifty cents; one gunner's mate, four hundred and sixty-nine dollars and fifty cents, and one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation-rooms, library, store, chapel, and offices, at two hundred and forty dollars each; one band-master, five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; in all, fifty-three thousand five hundred and fifty-nine dollars.

For pay of watchmen and others: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of the gas and steam-heating works of Academy, at five dollars per day; ten attendants at gas and steam-heating works, one at three dollars, one at two dollars and fifty cents, and eight at two dollars per day each; one yeoman, six hundred dollars; one foreman of joiners, one foreman of painters, and one foreman of masons, at three dollars and fifty cents per day each; one mason, at three dollars per day; two joiners and one painter, at two dollars and fifty cents per day each; one tinner, one gas-fitter, and one blacksmith, at two dollars and fifty cents per day each; in all, twenty-three thousand and twenty-five dollars and fifty cents.

For pay of mechanics and others: For one mechanic at workshop, at two dollars and twenty-five cents per diem; one master-laborer, to keep public grounds in order, at two dollars and twenty-eight cents per diem; fourteen laborers, to assist in same, three at two dollars per diem each and eleven at one dollar and fifty cents per diem each; one laborer, to superintend quarters of cadet-midshipmen and public grounds, at two dollars per diem; twenty servants, to keep in order and attend to quarters of cadet-midshipmen and public buildings, at twenty dollars per month each; in all, fourteen thousand five hundred and seventy-six dollars and ninety-five cents.

For pay of the employees in the department of steam-engineering, Naval Academy: One master machinist, one boiler-maker, and one pattern-maker, at three dollars and fifty cents per day each; two machinists and one blacksmith, at two dollars and fifty cents per day each; four laborers, at one dollar and fifty cents per day each; in all, seven thousand six hundred and sixty-eight dollars.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars: *Provided*, That no appropriations provided for in this act shall be construed to authorize or be applied to a new building for the use of the superintendent of other officers of the Academy.

For fuel for heating and lighting the Academy and school-ships, seventeen thousand dollars.

For contingent expenses, Naval Academy: For purchase of books for the library, two thousand dollars.

For stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars.

For expenses of the Board of Visitors to the Naval Academy, one thousand five hundred dollars.

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars.

For purchase of gas and steam machinery; steam-pipe and fittings; rent of building for the use of the Academy; freight; cartage; water; music; musical and astronomical instruments; uniforms for the bandsmen; telegraphing; for feed and maintenance of teams; for current expenses and repairs of all kinds; and for incidental labor and expenses not applicable to any other appropriation, thirty-four thousand six hundred dollars.

For stores in the department of steam-enginery, eight hundred dollars.

For materials for repairs in steam-machinery, one thousand dollars.

MARINE CORPS.

For pay of officers on the active-list, as follows: For one colonel commandant, one colonel, two lieutenant colonels, one adjutant and inspector, one quartermaster, one paymaster, four majors, two assistant quartermasters, one judge advocate-general United States Navy, nineteen captains, thirty first lieutenants, and twenty-two second lieutenants, one hundred and eighty-five thousand two hundred and forty dollars.

For pay of officers on the retired-list: For one colonel, three majors, two assistant quartermasters, four captains, and three second lieutenants, twenty-seven thousand three hundred and fifteen dollars.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, and one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty-nine thousand and fifty-two dollars.

For ten clerks and two messengers, sixteen thousand and thirty-five dollars; payments to discharged soldiers for clothing undrawn, twenty thousand dollars; transportation of officers travelling under orders without troops, eight thousand dollars; commutation of quarters for officers where there are no public buildings, four thousand dollars; in all, forty-eight thousand and thirty-five dollars.

For provisions for the Marine Corps, and for difference between cost of rations and commutation thereof for detailed men, sixty-thousand dollars.

For clothing, seventy-seven thousand dollars.

For fuel, eighteen thousand dollars.

For military stores, namely: For pay of one chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents per day each; purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket bags, canteens, musket-slings, swords, flags, knapsacks, spare parts for repairing muskets, drums, fifes, bugles, and other instruments, five thousand dollars; purchase of ammunition, one thousand dollars; purchase and repair of instruments for the band, and purchase of music, five hundred dollars; in all, nine thousand seven hundred and eighty-six dollars and fifty cents.

For transportation of troops and for expenses of recruiting, ten thousand dollars.

For repairs of barracks, and rent of buildings to be used for the manufacture of clothing, stores for supplies, and offices of assistant quartermaster at Philadelphia, and for hire of quarters where there are no public buildings, fourteen thousand five hundred dollars.

For forage for four public horses, one for messenger to commandant and staff, Washington, District of Columbia, and three for general use at marine barracks, Mare Island, California, and League Island, Pennsylvania, seven hundred and twenty dollars.

For the purchase of forage, four thousand six hundred and eighty dollars: *Provided*, That no commutation for forage shall be paid.

For contingencies, namely: For freight; ferriage; toll; cartage; funeral expenses of marines; stationery; telegraphing; rent of telephone; apprehension of deserters; per diem to enlisted men employed on constant labor for periods not less than ten days; repair of gas and water fixtures; office and barrack furniture; mess utensils for enlisted men; packing-boxes; wrapping-paper; oil-cloth; crash; rope; twine; carpenter's tools; tools for police purposes; purchase and repair of hose; repairs to public carryall; purchase and repair of harness; repair of fire-extinguishers; purchase and repair of hand-carts and wheelbarrows; purchase and repair of cooking-stoves, ranges, and so forth; stoves where there are no grates; purchase of ice; towels and soap for offices; improving parade grounds; repair of pumps and wharves; laying drain and water pipes; introducing gas; and for other purposes, including gas and oil for marine barracks maintained at the various navy-yards and stations; and water at marine barracks, Boston, *Massachusetts; Brooklyn*, New York; Annapolis, Maryland, and Mare *Island, California; also* straw for bedding for enlisted men at the va-

rious posts, and furniture for Government houses; in all, twenty-five thousand dollars.

At the Naval Asylum, Philadelphia, Pennsylvania: For superintendent, six hundred dollars; steward, four hundred and eighty dollars; matron, three hundred and sixty dollars; chief cook, two hundred and forty dollars; two assistant cooks, one hundred and sixty-eight dollars each; chief laundress, one hundred and ninety-two dollars; six laundresses, at one hundred and sixty-eight dollars each; twelve scrubbers and waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; stable-keeper and driver, three hundred and sixty dollars; master-at-arms, four hundred and eighty dollars; corporal, three hundred dollars; barber, three hundred and sixty dollars; carpenter, eight hundred and forty-five dollars; water-rent and gas, two thousand dollars; cemetery and burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, and for grates, furnaces, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; and for support of beneficiaries, forty-three thousand five hundred dollars; in all, sixty thousand and sixty-seven dollars, which sum shall be paid out of the income from the naval pension fund.

To enable the President to strengthen the naval establishment of the United States by additional vessels of the best and most modern design, having the highest attainable speed, the sum of one million eight hundred and ninety-five thousand dollars is hereby appropriated, to be expended as follows and under the following limitations:

For the construction of two cruisers of not less than three thousand nor more than five thousand tons displacement, costing, exclusive of armament, not more than one million one hundred thousand dollars each; one heavily armed gunboat of about sixteen hundred tons displacement, costing, exclusive of armament, not more than five hundred and twenty thousand dollars; and one light gunboat of about eight hundred tons displacement, costing, exclusive of armament, not more than two hundred and seventy five thousand dollars; and authority is hereby given for the construction of said four vessels, at not exceeding the total cost for each above specified, in accordance with such final plan as may be determined upon, after a revision and reconsideration of all designs which have been heretofore made, and in the manner and conformity to the conditions and limitations provided for the construction of the new cruisers in the acts of August fifth, eighteen hundred and eighty-two, and of March third, eighteen hundred and eighty-three, except so far as said acts provide for and define the duties of Naval Advisory Board.

SEC. 2. That the President be, and he is hereby, authorized to return the Arctic steamer Alert to Her Majesty's Government, with the thanks of the Government of the United States for the generous and graceful act of courtesy in so promptly tendering the gift of that vessel, and for the valuable service thereby rendered to the cause of science and humanity.

SEC. 3. That the Secretary of the Navy be, and he is hereby, directed to transfer to the Treasury Department, for use as a revenue-cutter in the waters of Alaska, the steamer Bear, of the late Greeley relief expedition, and is hereby authorized to place the steamer Thetis for use in the Navy, as a surveying vessel or otherwise.

Approved, March 3, 1885.

[PUBLIC—No. 139.]

An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea-duty; officers on shore and other duty; officers on waiting orders; officers on the retired-list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels; extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineers' force, and for the Coast Survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law; in all, seven million dollars.

PAY, MISCELLANEOUS.

For commission and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library; mail and express wagons, ferriage, tolls, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; reports, professional investigation, cost of special instruction at home or abroad, including maintenance of students, and information from abroad, and the collection and classification thereof, and
sary incidental expenses, two hundred and twenty-five th

For the compensation of the two civilian members of the Naval Advisory Board for the time they may serve after June thirtieth, eighteen hundred and eighty-six, at the rate of two thousand five hundred dollars each for six months, and of two hundred and fifty dollars each for traveling and other expenses for six months, five thousand five hundred dollars: *Provided*, That the sum accepted by them under this act shall be in full of all services rendered after June thirtieth, eighteen hundred and eighty-six.

CONTINGENT NAVY.

For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, ten thousand dollars.

BUREAU OF NAVIGATION.

Foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ships, and for adjusting and testing compasses on shore; nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; naval signals and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, and for the holds and spirit-room, for deck and quartermasters' use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running-lights; chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering-signals and indicators, and speaking-tubes and gongs for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war, in all, eighty-three thousand five hundred dollars.

For special ocean surveys and the publication thereof, four thousand dollars.

For preparing and engraving on copper plates the surveys of the Mexican coast, and for publishing the same, seven thousand dollars.

For completing compass-testing houses, and furniture for same, two thousand dollars.

For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials, postage and telegraphing on public business, advertising for proposals, packing-boxes and materials, furniture, stationery, and fuel for navigation offices at navy-yards, and all other contingent expenses, five thousand dollars.

For the completion and other expenses connected with the reduction of the observations of the transit of Venus, in eighteen hundred and *seventy-four and* eighteen hundred and eighty two, to be expended *under the direction of* the Transit of Venus Commission: *Provided*,

That said Commission shall deliver all the instruments and other public property in its possession into the custody of the Secretary of the Navy, three thousand dollars.

For the civil establishment at navy-yards and stations, including master of tugs, storekeepers, clerks, writers, and all clerical work, nine thousand dollars; and no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF ORDNANCE.

For procuring, producing, preserving and handling ordnance material; for the armament of ships; for fuel, tools, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving-ground, one hundred and nine thousand three hundred dollars.

One or more rifled cannon of each type constructed at the cost of the United States for the Navy shall be publicly subjected to the proper test for endurance including such rapid firing as a like gun would be subjected to in battle. This test shall be under the direction and to the satisfaction of the Secretary of the Navy, and if such guns do not prove satisfactory, the type they represent shall not be put in use in the naval service.

For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

For miscellaneous items, namely: Freight to foreign and home stations, advertising and auctioneer's fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams to and from the Bureau four thousand dollars.

For the civil establishment at navy-yards and stations, including writers, clerks, foreman, draughtsmen, assistant draughtsman, and a chemist, twenty-three thousand two hundred and four dollars; and no other fund appropriated by this act shall be used in payment for such services.

For the torpedo corps, namely: For labor; material; freight and express charges; general care of and repairs to grounds, buildings, wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, fifty thousand dollars.

For new ferry-launch, in place of the one now in use, which shall be sold, and building fuse-room and coal-shed, eight thousand five hundred dollars.

Chicago, Boston, Atlanta, and Dolphin: To complete the armament of the three steam-cruisers the Chicago, Boston, and Atlanta, and the dispatch-boat Dolphin, ninety-one thousand one hundred and thirty seven dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, hides, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; heating apparatus for receiving-ships; and for the purchase of all other articles *of equipment at home* and abroad, and for the payment of labor

in equipping vessels and manufacture of equipment articles in the several navy-yards, seven hundred and eighty-two thousand two hundred dollars.

For expenses of recruiting for the naval service, rent of rendezvous and expense of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad, twenty-five thousand dollars.

For contingent expenses equipment and recruiting: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges and libraries for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of the Bureau of Equipment and Recruiting unforeseen and impossible to classify, twenty thousand dollars.

For the civil establishment at navy-yards and stations, including clerks, writers, and superintendent of rope-walk, sixteen thousand eight hundred dollars; and no other fund shall be used in payment for such services.

BUREAU OF YARDS AND DOCKS.

For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines, and attendance on the same; purchase and maintenance of oxen and horses, and driving-teams; carts and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of public buildings; attendance on fires, lights, fire-engines, and apparatus; for incidental labor at navy-yards; water tax, and for tolls and ferriage; rent of four officers' quarters at Philadelphia; pay of watchmen in the navy-yards; and for awnings and packing-boxes, and advertising for yards and docks purposes, one hundred and seventy thousand dollars.

For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

For the civil establishment at navy-yards and stations, consisting of writers, clerks, messengers, telegraph operators, draughtsmen, foreman laborers and foreman masons, quarterman brick and stone masons, and pilots, including the work of bell-ringing and lamp lighting, sixty-two thousand dollars; and no other fund appropriated by this act shall be used in payment for such service.

NAVAL ASYLUM.

For the Naval Asylum, Philadelphia, Pennsylvania: For superintendent, six hundred dollars; steward, four hundred and eighty dollars; matron, three hundred and sixty dollars; chief cook, two hundred and forty dollars; two assistant cooks, three hundred and thirty six dollars; chief laundress, one hundred and ninety-two dollars; six laundresses, *at one hundred and* sixty-eight dollars each; four scrubbers, at one *hundred and sixty-eight* dollars each; eight waiters, at one hundred

and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; stable-keeper and driver, three hundred and sixty dollars; master-at-arms, four hundred and eighty dollars; two house corporals, at three hundred dollars each; barber, three hundred and sixty dollars; carpenter, eight hundred and forty-five dollars; water-rent and gas, one thousand eight hundred dollars; cemetery, burial expenses, and head-stones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, and ranges, furniture, and repairs to furniture, four thousand five hundred dollars; fitting up bath-rooms with twelve tubs for use of beneficiaries, eight hundred dollars; and for support of beneficiaries, forty-five thousand eight hundred dollars; in all, sixty-three thousand and fifty-seven dollars; which sum shall be paid out of the income from the naval pension fund.

BUREAU OF MEDICINE AND SURGERY.

For support of the medical department: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, fifty-five thousand dollars.

For the naval-hospital fund: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars.

For contingent expenses: For freight or expressage on medical stores, toll, ferriages; transportation of insane patients; advertising; telegraphing; rent of telephones; purchase of books; postage, and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase and feed of horses and cows; trees, plants, garden-tools, and seeds; furniture and incidental articles for museum of hygiene, naval dispensary, Washington, naval laboratory, sick-quarters at Naval Academy, and dispensaries at navy-yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick-quarters at Naval Academy, dispensaries at navy-yards, and for receiving-ships and rendezvous, and all other necessary contingent expenses, twenty thousand dollars.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, sidewalks, fences, gardens, farms, and cemeteries, fifteen thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, naval cadets, seamen, and marines; commuted rations stopped on account of sick in hospital and credited to the hospital fund; water for drinking and cooking purposes on board ships; and for labor and expenses of inspections, in all, one million and fifty-two thousand dollars; and the sum of two hundred and fifty thousand dollars of the amount now standing to the credit of the clothing fund, and the further sum of seventy-five thousand dollars of the amount now standing to the credit of the small stores fund of the Bureau of Provisions and Clothing shall be forthwith covered into the Treasury.

For contingent expenses: For freight on shipments, candles, fuel, books and blanks, stationery, advertising, furniture for inspections and

pay-offices in the navy-yards, expenses of naval-clothing factory, foreign postage, telegrams, express charges, tolls, ferriages, yeomen's stores, iron safes, newspapers, ice, and other necessary incidental expenses, fifty thousand dollars.

For the civil establishment, to include firemen, writers, receivers, assistant receivers, messengers, leading men and pressmen in inspection office, superintendent of coffee and spice mill, box-maker, coffee-roaster, engine-tender, teamster, telephone-operating, cutter, machine-operator, and two laborers, thirty-five thousand dollars; and no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF CONSTRUCTION AND REPAIR.

For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy-yards and on foreign stations; preservation of materials; purchase of tools for use in shops; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, foreign postages, telegrams, photographing, books, plans, stationery, and instruments for the drawing-room, nine hundred thousand dollars: *Provided*, That in the discretion of the Secretary of the Navy thirty thousand dollars of the amount hereby appropriated may be used to repair and furnish a suitable vessel, if in his judgment it can be done without injury to the service, said vessel to be used as a nautical school ship at the port of Philadelphia, Pennsylvania, under the authority and provisions of the act of Congress of June twentieth, eighteen hundred and seventy-four; but the United States shall be put to no charge or expense and shall incur no liability in relation to said vessel while the same is in such use: *Provided further*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the civil establishment at navy-yards, including clerks, draughtsmen, and writers, forty-three thousand dollars; and no other fund appropriated by this act shall be used in payment for such services.

Chicago, Boston, Atlanta, and Dolphin: To complete the construction of the three steel cruisers the Chicago, Boston, and Atlanta, and to pay the amount due on the dispatch-boat Dolphin, authorized by the act approved March third, eighteen hundred and eighty-three, ninety-five thousand eight hundred and sixty-one dollars.

BUREAU OF STEAM-ENGINEERING.

For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, steam-steerers, pneumatic steerers, steam-capstans, steam-windlasses, and other steam auxiliaries; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels; repair and care of machinery of yard tugs and launches; purchase, handling, and preservation of all materials and stores; purchase, fitting, repair, and preservation of machinery and tools in the navy-yards and stations; running

yard engines; incidental expenses for naval vessels, yards, and the Bureau, such as foreign postages, telegrams, advertising, freight, photographing, books, stationary, and instruments, seven hundred and sixty-three thousand dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated cost of such repair shall exceed twenty per centum of the estimated costs of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

For contingencies, drawing materials, and instruments, for the draughting-room, five hundred dollars.

For the civil establishment in the navy-yards, to include clerks, draughtsmen, assistant draughtsmen, messengers, writers, receivers, and weighers, twenty-seven thousand six hundred and sixty-seven dollars and twenty-five cents; and no other fund appropriated by this act shall be used in payment for such services.

The duties of the several clerks, writers, and other employees at the navy-yards appropriated for in this act shall be designated by the Secretary of the Navy or under his direction.

NAVAL ACADEMY.

For pay of professors and others: For two professors, namely, one of mathematics and one of physics at two thousand five hundred dollars each; three professors (assistants), namely, one of chemistry, one of Spanish and French, and one of English studies, history, and law, at two thousand two hundred dollars each; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, at one thousand two hundred dollars; assistant librarian, at one thousand four hundred dollars; secretary of the Naval Academy, one thousand eight hundred dollars; three clerks to superintendent, one at one thousand two hundred dollars, one at one thousand dollars, and one at eight hundred dollars; one clerk to commandant of cadets, one thousand two hundred dollars; one clerk to paymaster, one thousand dollars; one dentist, one thousand six hundred dollars; one baker, six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, six hundred dollars; one armorer, five hundred and twenty-nine dollars and fifty cents; one gunner's mate, four hundred and sixty-nine dollars and fifty cents, and one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation-rooms, library, store, chapel, and offices, at three hundred dollars each; one band-master, five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dolla
two thousand *one hundred* and nineteen dollars.

For special course of study and training of naval cadets, as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

For pay of watchmen, mechanics, and others: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of the gas and steam-heating works of Academy, at five dollars per day; ten attendants at gas and steam-heating works, one at three dollars, one at two dollars and fifty cents, and eight at two dollars per day each; four laborers at gas and steam-heating works, at one dollar and fifty cents per day each; one yeoman, six hundred dollars; one foreman of joiners, one foreman of painters, and one foreman of masons, at three dollars and fifty cents per day each; one mason, at three dollars per day; two joiners and one painter, at two dollars and fifty cents per day each: one tinner, one gas-fitter, and one blacksmith, at two dollars and fifty cents per day each; one mechanic at workshop, at two dollars and twenty-five cents per day; one master-laborer, to keep public grounds in order, at two dollars and twenty-eight cents per day; twenty-two laborers, to assist in same, three at two dollars per diem each, eleven at one dollar and fifty cents per diem each, and eight at one dollar and twenty-five cents per diem each; one laborer to superintend and keep in order upper quarters of naval cadets, at two dollars per diem; twenty servants to keep in order and attend to quarters of naval cadets and public buildings, at twenty-five dollars per month each; in all, forty-four thousand one hundred and twenty-two dollars and forty-five cents.

For pay of the employees in the department of steam-engineering, Naval Academy: For one master-machinist, at four dollars per day; one boiler-maker and one pattern-maker, at three dollars and fifty cents per day each; two machinists and one blacksmith, at two dollars and fifty cents per day each; four laborers, at one dollar and fifty cents per day each; in all, seven thousand eight hundred and fifty-one dollars.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars.

For fuel and for heating and lighting the Academy and school-ships, seventeen thousand dollars.

For contingent expenses, Naval Academy: For purchase of books for the library, two thousand dollars.

For stationery, blank-books, models, maps, and for text books for use of instructors, two thousand dollars.

For expenses of the Board of Visitors to the Naval Academy, one thousand five hundred dollars, being for mileage and five dollars per diem for each member for expenses during actual attendance at the Academy.

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars.

For purchase of gas and steam machinery, steam-pipe and fittings, rent of building for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, for feed and maintenance of teams, for current expenses and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars.

For stores in the department of steam-engineering, eight hundred *dollars.*

For materials for repairs in steam-machinery, one thousand dollars.

For head-stones for the graves of sixty sailors and marines buried in the naval cemetery at the Naval Academy, Annapolis, Maryland, who lost their lives by being wrecked in the United States steamer Huron, five hundred dollars.

For commencing the erection of the new Naval Observatory on the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty, fifty thousand dollars: *Provided*, That the construction of no building shall be commenced except an observatory proper, with necessary offices for observers and computers.

MARINE CORPS.

For pay of officers on the active-list, as follows: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate-general United States Navy, nineteen captains, thirty first lieutenants, and nineteen second lieutenants, one hundred and eighty-one thousand two hundred and sixty-five dollars.

For pay of officers on the retired-list: For one colonel, one quartermaster, three majors, two assistant quartermasters, four captains, one first lieutenant, and three second lieutenants, thirty-one thousand two hundred and ninety dollars.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty-nine thousand and fifty-two dollars.

For pay of civil force, namely: For ten clerks and two messengers, sixteen thousand and thirty-five dollars; payments to discharged soldiers for clothing undrawn, twenty thousand dollars; transportation of officers traveling under orders without troops, eight thousand dollars; commutation of quarters for officers on duty where there are no public quarters, four thousand dollars; in all, forty-eight thousand and thirty-five dollars.

For provisions for the Marine Corps, and for difference between cost of rations and commutation thereof for detailed men, sixty-two thousand five hundred dollars.

For clothing, fifty thousand dollars.

For fuel, eighteen thousand dollars.

For military stores, namely: For pay of one chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, drums, bugles, flags, and spare parts for repairing-muskets, and other necessary incidental articles, five thousand dollars; purchase of ammunition, one thousand dollars; purchase and repair of instruments for band, and purchase of music and musical accessories, five hundred dollars; in all, nine thousand seven hundred and eighty-six dollars and fifty cents.

For transportation of troops and for expenses of recruiting, ten thousand dollars.

For repairs of barracks at Portsmouth, New Hampshire; Boston, Massachusetts; *Brooklyn*, New York; League Island, Pennsylvan

Annapolis, Maryland; headquarters and navy-yards, Washington, District of Columbia; Gosport, Virginia; and Mare Island, California, nine thousand dollars; for the erection of a building for marine barracks at navy-yard, Pensacola, Florida, to take the place of one destroyed on account of yellow fever, two thousand dollars; placing tin roof on marine barracks and officers' quarters at Washington, District of Columbia, one thousand two hundred dollars; rent of building used for manufacture of clothing, stowing supplies, and offices of assistant quartermasters, Philadelphia, Pennsylvania, and San Francisco, California, two thousand two hundred and sixty dollars; in all, fourteen thousand four hundred and sixty dollars.

For forage in kind for four horses of the Quartermaster's Department, and the authorized number of officers' horses, four thousand four hundred dollars.

For contingencies, namely: For gas and oil at marine barracks, Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; assistant quartermasters' offices, Philadelphia, Pennsylvania, and San Francisco, California; Annapolis, Maryland; headquarters and navy-yard, Washington, District of Columbia; Gosport, Virginia; Pensacola, Florida; and Mare Island, California; straw for bedding for enlisted men at the various posts; water at marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; and Mare Island, California; furniture for Government houses; freight; ferriage; toll; cartage; funeral expenses of marines; stationery; telegraphing; rent of telephones; apprehension of deserters; per diem to enlisted men employed on constant labor; repairs of gas and water fixtures; office and barrack furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, and forks; packing-boxes; wrapping-paper; oil-cloth; crash; rope; twine; carpenter's tools; tools for police purposes; purchase and repair of hose; repairs to public wagons; purchase and repair of harness; repair of fire extinguishers; purchase of hand-grenades; purchase and repair of hand-carts and wheelbarrows; purchase and repair of cooking-stoves, ranges, and so forth; stoves where there are no grates; purchase of ice, towels, and soap for offices; improving parade-grounds; repair of pumps and wharves; laying drain and water pipes; introducing gas; and for other purposes; in all, twenty-six thousand dollars.

For hire of quarters for officers where there are no public quarters, four thousand five hundred dollars.

SEC. 2. All balances of moneys appropriated for the pay of the Navy or pay of the Marine Corps, for any year existing after the accounts for said year shall have been settled shall be covered into the Treasury.

Approved, July 26, 1886.

[PUBLIC—No. 167.]

An act to increase the Naval establishment.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President is hereby authorized to have constructed, as hereinafter provided—

First. Two sea-going double-bottomed armored vessels of about six thousand tons displacement, designed for a speed of at least sixteen knots an hour, with engines having all necessary appliances for working under forced draught, and costing, including engines and machinery and excluding armament, not more than two million five hundred thousand dollars each. Said vessels shall have each a complete torpedo outfit and be armed in the most effective manner.

Second. One protected double-bottomed cruiser of not less than three thousand five hundred nor more than five thousand tons displacement, designed to have the highest practicable speed and furnished with the best type of modern engines, furnished with necessary appliances for working under forced draught. Said vessel shall cost, including engines and machinery and excluding armament, not exceeding one million five hundred thousand dollars.

Third. One first class topedo-boat, costing in the aggregate not more than one hundred thousand dollars.

SEC. 2. That the vessels hereinbefore authorized to be constructed shall be built of steel of domestic manufacture, having a tensile strength of not less than sixty thousand pounds per square inch, and an elongation in eight inches of not less than twenty-five per centum.

SEC. 3. That the President is hereby authorized to direct the completion, as hereinafter provided, of the double-turreted monitors Puritan, Amphitrite, Monadnock, and Terror, at a total cost, exclusive of armament, not to exceed three million one hundred and seventy-eight thousand and forty-six dollars.

SEC. 4. That the armor used in constructing said armored vessels and for completing said monitors shall be of the best obtainable quality and of domestic manufacture, provided contracts for furnishing the same in a reasonable time, at a reasonable price, and of the required quality can be made with responsible parties. Such armor shall be accepted only after passing such tests as shall be prescribed by the Secretary of the Navy and inserted in the contracts.

SEC. 5. That the Secretary of the Navy shall cause one or more of the new vessels hereinbefore provided for to be constructed and one or more of the said monitors to be completed in one or more of the navy-yards of the United States; and if he shall be unable to contract with responsible parties to construct or complete, at reasonable prices, all or any of the vessels hereinbefore provided for, he shall cause the same to be constructed or completed in such of the navy-yards of the United States as may be best adapted thereto.

SEC. 6. That the engines, boilers, and machinery of all the new vessels provided for by this act shall be of domestic manufacture and procured by contract, unless the Secretary of the Navy shall be unable to obtain the same at fair prices, in which case he may construct the same, or any portion thereof, in the navy-yards of the United States: *Provided*, That the Secretary of the Navy may purchase abroad only such shafting as it may be impossible to obtain in the United States in time for use in the construction of the vessels herein provided for.

SEC. 7. That the Secretary of the Navy shall not contract for the construction or completion of any of said vessels, or of their engines, machinery, or boilers, until drawings and specifications of the same shall have been provided or adopted by him; and after said drawings and specifications shall have been provided, adopted, and approved as aforesaid, and work shall have been commenced on any contract made therefor, such plans and specifications shall not be changed in any respect when the cost of such change in the execution of the work exceeds five hundred dollars, except upon the written order of the Secretary or Acting Secretary of the Navy; and if changes are thus made, the actual cost thereof and the damage caused thereby shall be ascertained, estimated, and determined by a board of naval officers to be provided for in the contract; and in any contract made pursuant to this act it shall be provided in the terms thereof that the contractor shall be bound by the determination of said board, or a majority thereof, as to the amount of increase or diminished compensation said contractor shall be entitled to receive, if any, in consequence of such change or changes. In every contract to be made under this act there shall be prescribed a period within which the work provided for in said contract, or specified portions thereof, shall be completed, and the completion of such work within the periods prescribed shall be insured by penal provisions. For the construction or completion of such vessels hereinbefore provided for as the Secretary of the Navy shall propose to have constructed or completed by contract, as well as also for the engines, boilers, and machinery hereinbefore provided for, he shall invite proposals from every American shipbuilder and other person who shall show to the satisfaction of the Secretary of the Navy that within three months from the date of the contract he will be possessed of the necessary plant for the performance of the work in the United States which he shall offer to undertake, and such contract shall be let to the lowest and best responsible bidder or bidders, after at least sixty days' advertisement, published in five leading papers of the United States, inviting proposals for the work proposed, which work shall be subject to all such rules, regulations, superintendence by naval officers during construction, and provisions as to bonds and security for the quality and due completion of the work as the Secretary of the Navy shall prescribe; and no vessel, boiler, engine, machinery, or portion thereof shall be accepted unless completed in strict conformity with the contract; and the authority given hereby shall take effect at once. The Secretary of the Navy shall have the power to reject any or all bids made under the provisions of this act.

SEC. 8. That the sum of one million dollars is hereby appropriated towards the armament of the vessels authorized by the act of March third, eighteen hundred and eighty-five, of the vessels authorized by section one of this act, and of the unfinished monitors hereinbefore mentioned, and of the Miantanomoh; and the Secretary of the Navy is *hereby authorized to* direct the application of such portions of this sum

as may be necessary to the manufacture or purchase of such tools and machinery or the erection of such structures as may be required for use in the manufacture of such armament, or any part thereof: *Provided*, That the Secretary of the Navy may contract with domestic manufacturers for the construction of such portion of the heavy guns herein provided for as may not be built by the Government.

SEC. 9. That the Secretary of the Navy is hereby authorized to contract with the Pneumatic Dynamite-Gun Company of New York for one dynamite-gun cruiser, as follows: Said cruiser to be not less than two hundred and thirty feet long, twenty-six feet breadth of beam, seven and one-half feet draught, three thousand two hundred horse-power, and guaranteed to attain a speed of twenty knots an hour, and to be equipped with three pneumatic dynamite-guns of ten and one-half inch caliber, and guaranteed to throw shells containing two hundred pounds of dynamite or other high explosives at least one mile, each gun to be capable of being discharged once in two minutes, at a price not to exceed three hundred and fifty thousand dollars; said contract to be made only on condition that there shall be a favorable report made by the existing Naval Board on the system; to be paid for as the work progresses, and upon the report of such board or boards of inspectors as the Secretary of the Navy may for that purpose appoint, reserving thirty per centum on all such payments until the whole work is completed and accepted by the Secretary of the Navy.

The Pneumatic Dynamite-Gun Company shall furnish bonds satisfactory to the Secretary of the Navy for the faithful performance of its contract, and for the refunding of the money paid hereunder in case of the non-performance of the same, and shall further agree with the Secretary of the Navy upon a limit of price which shall not be exceeded in any future contracts which the Government may desire to enter into for the purchase of the company's guns.

SEC. 10. That towards the construction and completion of the vessels hereinbefore mentioned, including the vessel and guns mentioned in section nine, the sum of two million five hundred thousand dollars is hereby appropriated, of which not more than seventy-five thousand dollars may be expended in manufacturing, purchasing, and experimenting with torpedoes of domestic manufacture and not exceeding one hundred and fifty thousand dollars may be expended, under the direction of the Secretary of the Navy, in improving the plant of such of the navy-yards as he may select.

Approved, August 3, 1886.

64517—S. Doc. 570, 60-2——4

FORTY-NINTH CONGRESS, SECOND SESSION—MARCH 3, 1887.

An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels, extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen and boys, including men in the engineer's force and for the coast survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law, in all seven million dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books and periodicals mail and express wagons, ferriage, tolls, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation, cost of special instruction at home or abroad, including maintenance of students and information from abroad, and the collection and classification thereof, and other necessary incidental expenses, two hundred and five thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses

arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

NAVIGATION AND SUPPLIES: For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments; nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; naval signals and apparatus, namely, signal lights, lanterns, rockets, running-lights, drawings and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, wardroom, and steerage, for the holds and spirit-room, for decks and quartermaster's use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs, for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war, in all eighty-three thousand five hundred dollars.

OCEAN SURVEYS: For special ocean surveys, and the publication thereof, five thousand dollars.

PUBLICATION OF SURVEYS OF MEXICAN COAST: For preparing and engraving on copper-plates the surveys of Mexican coast, five thousand dollars.

CONTINGENT, BUREAU OF NAVIGATION: For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing on public business; advertising for proposals; packing-boxes and materials; furniture, stationery, and fuel for navigation offices at navy-yards; and all other contingent expenses, five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF NAVIGATION: Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars; one master of tugs, at one thousand five hundred dollars;

Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand dollars; in all nine thousand dollars. And no other fund appropriated *by this act shall be* used in payment for such services.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel tools, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving ground, one hundred and twenty thousand four hundred dollars of which sum twenty thousand four hundred dollars, or so much thereof as may be necessary, may be used, in the discretion of the Secretary of the Navy, for the purchase and completion of three steel-cast, rough-bored and turned, six-inch, high-power rifle cannon, of domestic manufacture, one of which shall be of Bessemer steel, one of open hearth steel, and one of crucible steel: *Provided*, That the castings for said cannon shall not be paid for until the cannon shall have been completed and have successfully stood the statutory test required by the act of July twenty-sixth, eighteen hundred and eighty-six, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes."

For proof of naval armament, six thousand dollars.

For purchase of land for proving and ranging ground for naval guns, and for constructing buildings, butts, shelters, and batteries, forty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage, and express charges; repairs to fire engines; gas and water pipes; gas and water tax at magazines; toll, ferriage, foreign postage, and telegrams to and from the Bureau, five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer (when required), five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer (when required), five hundred dollars;

Navy-yard, New York, For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand five hundred and forty-five dollars; three draughtsmen, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; one foreman, at two thousand one hundred and fifty-six dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator, at nine hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars; in all, twenty-four thousand three hundred and forty-two dollars and twenty-five cents. And no other fund appropriated by this act shall be used in payment for such service.

TORPEDO CORPS: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, fifty thousand dollars; extension to electrical laboratory, three thousand dollars; ponton, eight hundred dollars; repairs to sea-wall three thousand dollars; water-pipe from Newport to station, one thousand dollars; in all, fifty-seven thousand eight hundred dollars.

To enable the Secretary of the Navy to purchase the steamer Stiletto for use as a torpedo boat for experimental purposes, twenty-five thousand dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

EQUIPMENT OF VESSELS: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; water for steam launches; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, six hundred and twenty-five thousand dollars.

TRANSPORTATION AND RECRUITING: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for men and boys and all other expenses attending the recruiting for the naval service and for the transportation of enlisted men and boys at home and abroad, twenty-five thousand dollars.

CONTINGENT BUREAU OF EQUIPMENT AND RECRUITING: For extra expenses of training ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges, and libraries for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of the Bureau of Equipment and Recruiting unforeseen and impossible to classify, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT AND RECRUITING: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars;

Navy-yard, New York: For one clerk at one thousand two hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; in all, eleven thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen and horses and driving teams; carts and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires; lights, fire engines and apparatus; for incidental labor at navy-yards; water-tax and tolls and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; for pay of watchmen in navy-yards, and for awnings and and packing boxes, and advertising for yards and docks purposes, one hundred and seventy thousand dollars.

PUBLIC WORKS: For rebuilding wharves at navy-yard, Boston, Massachusetts, twenty-five thousand dollars;

For rebuilding floating-gate, dry-dock, Boston, Massachusetts, to be immediately available, thirty-one thousand dollars;

For two timber dry-docks, to be located at such navy-yards as the Secretary of the Navy may indicate, each dock to be not less than four hundred and eighty feet in length, the cost of the two docks not to exceed in the aggregate the amount herein appropriated, one million one hundred thousand dollars;

For railroad extension in the navy-yard at Norfolk, Virginia, and engine-house, twenty thousand dollars;

For cisterns at the navy-yard at Mare Island, California, forty-six thousand three hundred and sixty-four dollars;

For repairs and preservation at navy-yards, four hundred and fifty thousand dollars;

Naval Training Station, Coaster's Harbor Island, Rhode Island: For extending wharf and dredging; repairs to main causeway, sea-wall, roads, buildings, and grounds, and the necessary labor and implements required for the proper preservation of the same; for repairs and improvements on buildings; heating, lighting, and furniture for same; books and stationery; freight and other contingent expenses; purchase of food and maintenance of horses and mail-wagon, and attendance on same, fourteen thousand dollars.

For continuing the erection of the new Naval Observatory authorized by the act of Congress approved July twenty-sixth, eighteen hundred and eighty six, sixty thousand dollars, of which sum ten thousand dollars may be used for the purchase of a new meridian circle. Said observatory shall not cost more than four hundred thousand dollars and no work shall be done thereon except under a contract which shall provide for the completion of the same, upon plans previously adopted, for

a sum not exceeding said limit of cost hereby affixed; in all, one million seven hundred and thirty-two thousand three hundred and sixty-four dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk to civil engineer, at one thousand four hundred dollars; one mail-messenger, at six hundred dollars per annum; one messenger, at six hundred dollars per annum; one foreman-laborer, at four dollars per diem; one pilot, at three dollars per diem;

Navy-yard, Boston, Massachusetts: For one clerk to civil engineer, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger to civil engineer, at one dollar and seventy-six cents per diem; one mail-messenger, at six hundred dollars per annum;

Navy-yard, Brooklyn, New York: For one clerk to civil engineer, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman-laborer, at four dollars and fifty cents per diem; one mail messenger, at six hundred dollars per annum; one messenger to commandant, at two dollars and fifty cents per diem; one messenger to captain, at two dollars and twenty-five cents per diem; one messenger to yards and docks, at two dollars per diem; one draughtsman, at five dollars per diem; one quarterman, at four dollars per diem;

Navy-yard, League Island, Pennsylvania: For one clerk to civil engineer, at one thousand four hundred dollars; one messenger to commandant, at two dollars per diem; one foreman-laborer, at four dollars per diem;

Navy-yard, Washington, District of Columbia: For one clerk to civil engineer, at one thousand four hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman laborer, at three dollars and fifty cents per diem;

Navy-yard, Norfolk, Virginia: For one clerk to civil engineer, at one thousand four hundred dollars; one writer at one thousand and seventeen dollars and twenty-five cents; one foreman-labor, at four dollars per diem; three messengers at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem;

Navy-yard, Pensacola, Florida: For one clerk to civil engineer, at one thousand two hundred dollars; one mail messenger, at six hundred dollars per annum.

Navy-yard, Mare Island, California: For one clerk to civil engineer, at one thousand four hundred dollars, one writer at one thousand and seventeen dollars and twenty-five cents; one foreman-mason, at six dollars per diem one foreman-laborer at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draughtsman, at five dollars per diem; one mail-messenger at two dollars and seventy four cents per diem; one messenger at two dollars and twenty cents per diem; one messenger and lamp lighter, at two dollars and twenty cents per diem; one bell-ringer, at two dollars and twenty-six cents per diem;

Naval Station, Sacketts Harbor: For one ship-keeper, at one dollar per diem; in all, forty-five thousand seven hundred and forty-nin dollars and nine cents. And no other fund appropriated by this act shall be used in payment for such services.

NAVAL ASYLUM, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at two hundred and forty dollars; two assistant cooks, at one hundred and sixty-eight dollars each; one chief laundress, at one hundred and ninety-two dollars; six laundresses at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master-at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each, one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars;

Water-rent and gas, one thousand eight hundred dollars; cemetery, burial expenses and headstones, three hundred and fifty dollars; improvements of grounds, five hundred dollars; repairs to buildings furnaces, grates ranges, furniture, and repairs of furniture, four thousand five hundred dollars; music in chapel, six hundred dollars;

For support of beneficiaries, forty-six thousand one hundred dollars; in all sixty-three thousand one hundred and sixty-seven dollars, which sum shall be out of the income from the naval pension fund.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and and coast survey, and for the civil establishment at the several naval hospitals, navy yards, naval laboratory, museum of hygiene, and naval academy fifty-seven thousand five hundred dollars.

NAVAL-HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars.

NAVAL HOSPITAL AND SANITARIUM: For the construction of a naval hospital and sanitarium, and wharf for landing, on Widow's Island, Penobscot Bay, Maine, fifty-thousand dollars, to be immediately available; said sum to be in full for all expenses of erecting and furnishing said sanitarium, including all necessary improvements on the island.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight or expressage on medical stores, toll, ferriages, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of feed for horses and cows, trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene; naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and dispensaries at navy yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters

at Naval Academy, dispensaries at navy-yards and ships, and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, side-walks fences, gardens, farms, and cemeteries, fifteen thousand dollars.

For the improvement of the naval-hospital park at Portsmouth, Virginia, five thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, naval cadets, seamen, and marines; commuted rations stopped on account of sick in hospital and accredited to the hospital fund; water for drinking and cooking purposes on board ships; and for labor and expenses of inspections, in all one million one hundred and twenty-one thousand dollars.

CONTINGENT EXPENSES: For freight on shipments, candles, fuel books and blanks, stationery, advertising, furniture for inspections and pay-offices in the navy-yards expenses of naval-clothing factory, and machinery for same; foreign postage, telegrams, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice and incidental expenses absolutely necessary, fifty thousand dollars; and to pay the expenses of consolidating and arranging under orders of the Secretary of the Navy, the stores and other property of the United States under control of the Department of the navy, to be immediately available, twenty thousand dollars, or so much thereof as may be necessary.

For the civil establishment, to include clerks, firemen, writers, receivers, assistant receivers, messengers, leading men and pressmen in inspection office, superintendent of coffee and spice mill, box-maker, coffee-roaster, engine tender, teamster, telephone-operating, cutter, machine-operator, and laborers seventy thousand dollars. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; for steam-steerers, pneumatic steerers, steam-capstans, steam-windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postages, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, nine hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be neces-

sary to bring them home: *Provided further*, That the Secretary of the Navy shall sell the New York, under the laws and regulations applicable to the sale of condemned property in the Navy Department.

For repair on the Hartford, Kearsage, Trenton Swatara, Thetis, Richmond, Nipsic, and Enterprise or such of said vessels as the Secretary of the Navy may deem advisable, two hundred thousand dollars, to be immediately available.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars; one writers, at one thousand and seventeen dollars and twenty-five cents.

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, twenty thousand nine hundred and eighty-nine dollars and seventy-five cents. And no other fund appropriated by this act shall be used in payment of such services.

BUREAU OF STEAM-ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, for preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches; for purchase, handling and preservation of materials and stores; for purchase, fitting, repair, and preservation of machinery and tools in the navy-yards and stations; running yard engines; for incidental expenses for naval vessels, yards, and the Bureau, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, six hundred and seventy-five thousand dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships, the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

CONTINGENT, BUREAU OF STEAM-ENGINEERING: For contingencies, drawing materials, and instruments for the draughting-room, five hundred dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM-ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; assistant draughtsman, at one thousand two hundred dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; assistant draughtsman, at one thousand one hundred dollars; messenger, at six hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, seventeen thousand two hundred dollars. And no other fund appropriated by this act shall be used in payment for such services.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics and one of physics, at two thousand five hundred dollars each, five thousand dollars; three professors (assistants), namely, one of chemistry, one of French and Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each, six thousand six hundred dollars; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, nine thousand dollars; one sword-master, at one thousand five hundred dollars, and two assistants at one thousand dollars each; one boxing-master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars, three clerks to the superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively, three thousand dollars; one clerk to commandant of cadets, at one thousand two hundred dollars; one clerk to paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, at six hundred dollars; one armorer, at five hundred and twenty-nine dollars and fifty cents; one gunner's mate, at four hundred and sixty-nine dollars and fifty cents; one quarter-gunner, at four hundred and nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in department of seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of *astronomy and* one in the department of physics and chemistry, at three *hundred dollars each*, six hundred dollars; six attendants at recitation-

rooms, library, store, chapel, and offices, at three hundred dollars each, one thousand eight hundred dollars; one band-master, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each, seven thousand three hundred and eight dollars; seven second-class musicians, at three hundred dollars each, two thousand one hundred dollars; in all fifty-two thousand one hundred and nineteen dollars.

For special course of study and training of naval cadets, as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

PAY OF WATCHMEN, MECHANICS AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of gas and steam-heating works of the Academy, at five dollars per day; labor at gas-works and steam-buildings; for masons, carpenters, and other mechanics, and laborers for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in the purifying-house of the gas-house, at one dollar and fifty cents per day, five hundred and forty-nine dollars; in all, forty-four thousand and eighty-six dollars and ninety-five cents.

PAY OF STEAM-EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam-engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

Total pay for Naval Academy, one hundred and nine thousand and thirty dollars and forty-five cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy, and school-ships, seventeen thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors to the Naval Academy, being for mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam-machinery, steam-pipe and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, for feed and maintenance of teams, for current expenses and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam-engineering, eight hundred dollars; materials for repairs in steam-machinery, one thousand dollars; repairs to wharves, three thousand dollars; boat-house for steam-launches, five thousand dollars; addition to library building, seven thousand dollars; in all, fifty-six thousand eight hundred dollars.

Total for Naval Academy, two hundred and three thousand eight hundred and thirty dollars and forty-five cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate general United States Navy, nineteen captains, thirty first lieutenants, and seventeen second lieutenants, one hundred and eighty-four thousand six hundred and ten dollars;

For pay of officers on the retired-list: For one colonel, one quartermaster, three majors, two assistant quartermasters, six captains, one first lieutenant, and three second lieutenants, thirty-five thousand and seventy dollars;

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty thousand dollars;

For pay of retired enlisted men: For one sergeant-major, one drum-major, one first sergeant, four sergeants, one first-class musician, two drummers, one fifer, and five privates, four thousand nine hundred and forty-seven dollars and eighty-eight cents;

For pay of civil force: For ten clerks and two messengers, sixteen thousand and thirty-five dollars;

For undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty thousand dollars;

For transportation: For transportation of officers traveling under orders without troops, seven thousand dollars;

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars; in all, six hundred and fifty-one thousand six hundred and sixty-two dollars and eighty-eight cents.

PROVISIONS, MARINE CORPS: For one thousand non-commissioned officers, musicians, and privates, three hundred and sixty-six days, at one ration per day, three hundred and sixty-six thousand rations, at sixteen cents per ration;

Difference between the cost of rations at sixteen cents and commutation at one dollar for one enlisted man employed as clerk to colonel commandant, three hundred and sixty-six days, three hundred and sixty-six rations at eighty-four cents per ration;

Difference between the cost of rations at sixteen cents and commutation at seventy-five cents for nine enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, and San Francisco, California, three hundred and sixty six days, three thousand two hundred and ninety-four rations, at fifty-nine cents per ration;

Difference between the cost of rations at sixteen cents and commutation at fifty cents for three enlisted men employed as above, three hundred and sixty-six days, one thousand and ninety-eight rations, at thirty-four cents per ration;

Amount required to be transferred to paymaster Marine Corps on account of rations to retired men, seventeen men, at fifty-seven dollars and fourteen cents per annum; in all, fifty-eight thousand dollars.

CLOTHING MARINE CORPS: For two thousand non-commissioned officers, musicians, and privates, at thirty-seven dollars and sixty cents actual cost per annum, sixty thousand dollars.

For fuel, Marine Corps, eighteen thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day, nine hundred and forty-two dollars; three mechanics, at two dollars and fifty cents each per day, two thousand three hundred and fifty-five dollars; in all, three thousand two hundred and ninety-seven dollars;

For purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, and spare parts for repairing muskets, five thousand dollars;

For purchase of ammunition, one thousand dollars;

Purchase and repair of instruments for band, purchase of music and musical accessories, five hundred dollars; in all, nine thousand seven hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expenses of recruiting service, nine thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; head-quarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed, under the direction of the Quartermaster's Department, on the repair of barracks and other public buildings, nine thousand dollars; for the erection officers' quarters at navy-yard, Mare Island, California (appropriation to be immediately available), fifteen thousand dollars, or so much thereof as may be necessary; and no more than said sum shall be expended for the erection and completion of said quarters, and no contract therefor shall be valid which shall not provide for the completion thereof for a sum within this appropriation; repairs of barracks, Mare Island, California, two thousand dollars; introducing steam-heating apparatus in marine barracks, Portsmouth, New Hampshire, as per estimates, one thousand seven hundred and fifty dollars; rent of buildings used for manufacture of clothing, storing supplies, and offices of assistant quartermasters, Philadelphia, Pennsylvania, and San Francisco, California, one thousand seven hundred and eighty dollars; in all, twenty-nine thousand five hundred and thirty dollars.

FORAGE, MARINE CORPS: For forage in kind for four horses of the quartermaster's department, and the authorized number of officers' horses, four thousand dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, toll, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephone, purchase and repair of type-writers, apprehension of deserters, repair of gas and water fixtures, office and barrack furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing-boxes, wrapping-paper, oil-cloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safe, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking-stoves, ranges,

stoves where there are no grates, purchase of ice, towels, and soap for offices, postage stamps for foreign postage, purchase of newspapers and periodicals, improving parade-grounds, repair of pumps and wharves, laying drain and water pipe, introducing gas, and for gas and oil for marine barracks maintained at the various navy-yards and stations, water at the marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding for enlisted men at the various posts, furniture for Government horses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, twenty-six thousand, three hundred and twenty-two dollars and two cents.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars.

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermasters' offices Philadelphia, Pennsylvania, and San Francisco, California, twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars.

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

Total for the Marine Corps, eight hundred and seventy-two thousand nine hundred and thirty-five dollars and ninety cents.

INCREASE OF THE NAVY.

SEC. 2. That for the purpose of increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract two steel gun boats each of about seventeen hundred tons displacement; of the type of gunboat number one; at a cost, exclusive of armament, of not more than five hundred and fifty thousand dollars each, two steel cruisers to be provided with such armament for each as the Navy Department may deem suitable. The cost of both of said cruisers in the aggregate, complete, exclusive of armament, and excluding any premiums that may be paid for speed for the same shall not be more than three million dollars. The sum of one million five hundred thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated toward the construction of said vessels.

That in the construction of the aforesaid vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to material for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of and proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, so far as the same relate to vessels constructed under contract, save that in all their parts they shall be of domestic manufacture. The contracts for the

construction of said cruisers shall contain provisions to the effect that the contractor guarantees that when completed and tested for speed, under conditions to be prescribed by the Navy Department, the vessel shall exhibit a maximum speed of at least nineteen knots per hour; and for every quarter knot of speed so exhibited above said guarantee the contractor shall receive a premium over and above his contract-price of fifty thousand dollars, and for every quarter knot that said vessel fails of reaching said guaranteed speed there shall be deducted from the contract-price the sum of fifty thousand dollars.

In making proposals for contracts for building the vessels authorized to be constructed under this act, it shall be required that one of such vessels shall be built on or near the coast of the Pacific Ocean, or the waters connecting therewith, one of them on or near the coast of the Gulf of Mexico, or the waters connecting therewith, and two of them on or near the coast of the Atlantic Ocean, or the waters connecting therewith, and at such places on or near such coasts or waters as the Secretary of the Navy shall approve.

If it shall appear to the satisfaction of the President of the United States, from the biddings for said contracts, when the same are opened and examined by him, that said vessels cannot be constructed at a fair cost on or near the coast of the Pacific Ocean or the Gulf of Mexico, he shall authorize the construction of said vessels or either of them elsewhere in the United States. And the Secretary of the Navy is hereby authorized to readvertise for the construction of cruiser number one, known as "The Newark," and the limit of cost of said vessel is hereby extended to one million three hundred thousand dollars, exclusive of armament.

SEC. 3. That for the purpose of further increasing the naval establishment of the United States, the sums of money hereinafter named are hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended by the President, in the exercise of his discretion, upon plans and specifications, to be furnished by the Navy Department:

For floating batteries or rams, or other naval structures, to be used for coast and harbor defense, one million dollars. The final cost of said floating batteries, rams, or other naval structures, exclusive of armament, shall not exceed two million dollars.

For the purchase of, and the trial and testing of torpedoes and appliances using explosives to be operated from naval vessels, floating batteries, or rams, fifty thousand dollars, which sum shall be immediately availabe.

That the material used in all naval structures provided for in this act, and the armament for the same shall be, so far as practicable, of American production and furnished and manufactured in the United States, and all contracts made for their construction shall be under the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment:" *Provided*, That the Secretary of the Navy may employ and pay out of appropriations for new ships such civilian expert aids, additional draughtsmen, writers, copyists, and model-makers on the designs therefor as may be necessary.

SEC. 4. For expenditure towards the construction and completion (exclusive of armament) of the five double-turreted monitors, the four

vessels authorized by the act of March third, eighteen hundred and eighty-five, and the vessels authorized by the act of August third, eighteen hundred and eighty-six, two million four hundred and twenty thousand dollars.

Towards the armament, of domestic manufacture, for the vessels authorized by the act of March third, eighteen hundred and eighty-five, of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty-six, of the unfinished monitors mentioned in section three of the same act, and of the Miantonomoh, and of the vessels authorized by this act, two million one hundred and twenty-eight thousand three hundred and sixty-two dollars.

Towards procuring, testing, and delivering the armor and gun steel for the vessels authorized by section one of the act of August third, eighteen hundred and eighty-six, and the unfinished monitors mentioned in section three of the same act, and the vessels authorized by this act, four million dollars: *Provided*, Said armor and gun steel shall be of domestic manufacture.

Approved, March 3, 1887.

FIFTIETH CONGRESS, FIRST SESSION—SEPTEMBER 7, 1888.

An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes:

PAY OF THE NAVY.

For pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels; extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law; in all, seven million eighty-two thousand four hundred and four dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of investigation, examining boards, with clerk's and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation, cost of special instruction at home or

abroad, in maintenance of students and attaches, and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and fifteen thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

NAVIGATION AND SUPPLIES: For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments; nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; and professional papers, naval signals, and apparatus, namely, signal-lights, lanterns, rockets, running lights, drawings and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, wardroom, and steerage, for the holds and spirit-room, for decks and quartermaster's use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ship of war; other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running-lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials stationery for commanders and navigators of vessels of war; and for use of courts-martial; musical instruments and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs, for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war; in all, ninety thousand dollars.

OCEAN SURVEYS: For special ocean surveys, and the publication thereof, five thousand dollars.

PUBLICATION OF SURVEYS OF MEXICAN COAST: For preparing and engraving on copper-plates the surveys of Mexican coast, five thousand dollars.

TRAINING STATION, COASTERS' HARBOR ISLAND, RHODE ISLAND: For repairs and improvements on buildings at Coasters' Harbor Island; heating, lighting, and furniture for same; books and stationery; freight and other contingent expenses; purchase of feed and maintenance of horses and mail-wagons, and attendance on same; and to enable the naval war college to be conducted at said Island up to January first, eighteen hundred and eighty-nine, ten thousand dollars: *Provided*, That the Secretary of the Navy is hereby authorized to consolidate and place under one command the torpedo station and the naval war college at Newport, Rhode Island after said date.

CONTINGENT, BUREAU OF NAVIGATION: For contingent expenses of the Bureau of Navigation, namely: For freight and transportation

of navigation materials; postage and telegraphing on public business; packing-boxes and materials; furniture, stationery, and fuel for navigation offices at navy-yards; and all other contingent expenses, five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF NAVIGATION: Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one store-keeper, at nine hundred dollars; one master of tugs, at one thousand five hundred dollars;

Navy-yard, Portsmouth, New Hampshire: For one clerk at one thousand dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand dollars;

Training-station: One clerk (when required), three hundred dollars; in all, nine thousand three hundred dollars. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, tools, material and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving-ground and for prizes to enlisted men for excellence in ordnance exercises and target practice, one hundred and thirty thousand dollars;

For ammunition for the guns of the Vesuvius, twelve thousand dollars;

For proof of naval armament, six thousand dollars;

For modern guns and ammunition for instructing the cadets of the Naval Academy, fifty-five thousand dollars;

For modern guns and ammunition for instructing the apprentices of the training squadron, fifty thousand dollars; in all, two hundred and fifty-three thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire-engines; gas and water pipes; gas and water tax at magazines; toll, ferriage, foreign postage, and telegrams to and from the Bureau, five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer (when required), five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer (when required), five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand five hundred and forty-five dollars; three draughtsmen, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; one foreman, at two thousand one hundred and fifty-six dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator, at nine hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving-ground: For one writer at one thousand and seventeen dollars and twenty-five cents;

Torpedo-station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars; in all, twenty-four thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such service.

TORPEDO CORPS: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, fifty thousand dollars;

New landing stage, seven hundred dollars;

Completing repairs to sea-wall, two thousand dollars;

Quarters for surgeon, eight thousand dollars;

For correcting the sanitary condition of the cottages used as quarters at the station, five thousand dollars; in all, sixty-five thousand seven hundred dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

EQUIPMENT OF VESSELS: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; water for steam-launches; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, six hundred and twenty-five thousand dollars.

TRANSPORTATION AND RECRUITING: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service and for the transportation of enlisted men and boys at home and abroad, thirty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT AND RECRUITING: For extra *expenses of training*-ships, freight and transportation of equipment

stores, printing, advertising, telegraphing, books and models, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges, and libraries for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of the Bureau of Equipment and Recruiting unforeseen and impossible to classify, fifteen thousand dollars.

NAVAL TRAINING-STATION, COASTERS' HARBOR ISLAND, RHODE ISLAND (for apprentices): For dredging channels, repairs to main causeway, roads, and grounds, extending sea-wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs and improvements on buildings; heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food, and maintenance of live-stock and mail-wagon, and attendance on same; fourteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT AND RECRUITING: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars;

Navy-yard, New York: For one clerk, at one thousand two hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; in all, eleven thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen and horses, and driving teams; carts and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire-engines, and apparatus; for incidental labor at navy-yards; water-tax and tolls and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; for pay of watchmen in navy-yards, and for awnings and packing-boxes, and advertising for yards and docks purposes, one hundred and sixty-five thousand dollars.

PUBLIC WORKS.—Navy-yards and Stations:

Navy-yard, Boston, Massachusetts: Water-pipes and laying of same, thirty-two thousand dollars.

Navy-yard, Brooklyn, New York: Repairs to building on cob-dock now used as recreation hall by enlisted men, five thousand dollars; boiler-shop and wing to machine-shop, sixty-eight thousand three hundred and forty dollars and forty-seven cents; one building for quarters for civil engineer, ten thousand dollars; reconstructing building number seven, partially destroyed by fire in January, eighteen hundred and eighty-eight, sixty thousand dollars; in all, one hundred and forty-three thousand three hundred and forty dollars and forty-seven cents.

Navy-yard, League Island, Pennsylvania: For repairs and improvement of grounds and construction of protection wall, seventy-five thousand dollars; for one timber dry-dock, the contract price for the full completion of which shall not exceed the amount herein appropriated, five hundred and fifty thousand dollars; in all, six hundred and twenty-five thousand dollars.

Navy-yard, Washington, District of Columbia: For the better protection of the public property at the navy-yard, Washington, District of Columbia, from danger from fire by means of electric fire alarms, time signals and watchman detectors, one thousand dollars.

Navy-yard, Norfolk, Virginia: Iron and steel shop, seventy-five thousand dollars; railroad extension, ten thousand dollars; boiler-shop extension, fourteen thousand four hundred and eighty-eight dollars; water system, fifteen thousand dollars; in all, one hundred and fourteen thousand four hundred and eighty-eight dollars.

Navy-yard, Mare Island, California: Finishing boiler and machine-shop, four thousand two hundred dollars; extending wharf from coal-house to foundry, thirty thousand dollars; crane scow, seven thousand dollars; pile-driver, five thousand dollars; twelve-ton swinging crane, four thousand dollars; mud scow, four thousand five hundred dollars; in all, fifty-four thousand seven hundred dollars.

Naval station, Port Royal, South Carolina: Fencing, two hundred and twenty-eight dollars; artesian well, one thousand dollars; boat-house, four hundred dollars; in all, one thousand six hundred and twenty-eight dollars.

For the expenses of a commission of three officers, to be appointed by the Secretary of the Navy, to report as to the most desirable location on or near the coast of the Gulf of Mexico and the south Atlantic coast for navy-yards and dry docks and for the expenses of sounding and surveying and estimating expenses, fifteen thousand dollars. And the Secretary of the Navy be, and he is hereby, required to appoint a commission composed of three competent naval officers, whose duty it shall be to examine the coast north of the forty-second parallel of north latitude, in the State of Oregon and Territories of Washington and Alaska, and select a suitable site, having due regard to the commercial and naval necessities of that coast, for a navy-yard and docks; and having selected such site, shall, if upon private lands, estimate its value and ascertain the price for which it can be purchased, and of their proceedings and action make full and detailed report to the Secretary of the Navy; and the Secretary of the Navy shall transmit such report, with his recommendations, to Congress. That to defray

the expenses of such commission the sum of five thousand dollars of the above amount, or as much thereof as may be necessary, may be used.

Adjustable stern-dock: For one adjustable stern-dock, to be constructed at such place as the Secretary of the Navy may determine, thirty thousand dollars.

For repairs and preservation at navy-yards and stations, three hundred thousand dollars.

NEW NAVAL OBSERVATORY.

New Naval Observatory: For continuing the erection of the new Naval Observatory and necessary buildings upon the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty (twenty-one Statutes, page sixty-four), fifty thousand dollars: *Provided*, That the work upon the domes, piers, transit shutters and floors of the observing rooms, and the necessary elevators in the building, and the fittings of the library and of the temperature room may be done by the Secretary of the Navy without contract, or in such manner as he shall deem most advantageous to the Government, but the total cost of said observatory, including the aforesaid items, shall not exceed the limit of four hundred thousand dollars fixed by the act making appropriations for the naval service, approved March third, eighteen hundred and eighty-seven.

Total Public Works under Navy Department, one million three hundred and sixty-seven thousand one hundred and fifty-six dollars and forty-seven cents.

CONTINGENT BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail-messenger, at six hundred dollars per annum; one messenger, at six hundred dollars per annum; one foreman laborer at four dollars per diem; one janitor, six hundred dollars; one pilot, at three dollars per diem;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman-laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail-messenger, six hundred dollars per annum;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman-laborer, at four dollars and fifty cents per diem; one mail-messenger, at six hundred dollars per annum; one messenger to commandant, at two dollars and fifty cents per diem; one messenger to captain, at two dollars and twenty-five cents per diem; one draughtsman, at five dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to civil engineer, at two dollars per diem;

Navy-yard, League Island, Pennsylvania: one clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman-laborer, at four dollars per diem;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman-laborer, at four dollars per diem.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman-laborer, at four dollars per diem; three messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at six hundred dollars per annum;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman-mason, at six dollars per diem; one foreman-laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draughtsman, at five dollars per diem; one mail-messenger, at two dollars and seventy-four cents per diem; one messenger, at two dollars and twenty cents per diem; one messenger and lamp-lighter, at two dollars and twenty cents per diem; one bell-ringer, at two dollars and twenty-six cents per diem;

Naval-station, Sackett's Harbor: For one ship-keeper, at one dollar per diem; in all, forty-six thousand five hundred and eighty-seven dollars and twenty-three cents.

And no other fund appropriated by this act shall be used in payment for such services.

NAVAL ASYLUM, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at two hundred and forty dollars; two assistant cooks, at one hundred and sixty-eight dollars each; one chief laundress, at one hundred and ninety-two dollars; six laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; one stable-keeper and driver, at three hundred and sixty dollars; one master-at-arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars.

Water-rent and gas, one thousand eight hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; music in chapel, six hundred dollars;

Transportation of indigent and destitute beneficiaries to the Naval Asylum, five hundred dollars; erecting brick building for kitchen, laundry, and dormitories, for female employees, seventeen thousand five hundred dollars; removing range and laundry machinery to same, four hundred dollars; fitting up bath-rooms for beneficiaries, eight hundred dollars; support of beneficiaries, forty-six thousand one hundred dollars; in all, eighty-two thousand three hundred and sixty-*seven dollars, which* sum shall be paid out of the income from the *naval pension fund.*

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and Naval Academy, fifty-seven thousand five hundred dollars.

NAVAL-HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight or expressage on medical stores, toll, ferriages, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of unbound books and pamphlets, postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene; naval dispensary, Washington; naval laboratory, sick-quarters at Naval Academy and marine barracks and dispensaries at navy-yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars;

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, side-walks, fences, gardens, farms, and cemeteries, twenty thousand dollars;

For continuing the improvement of the naval-hospital park at Portsmouth, Virginia, five thousand dollars;

For repairing granite sea-wall at naval hospital Norfolk, Virginia, twenty thousand dollars; in all, one hundred and forty-seven thousand five hundred dollars.

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, BUREAU OF PROVISIONS AND CLOTHING: For provisions for the seamen and marines, commuted rations for officers, naval cadets, seamen, and marines, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, nine hundred and sixty-five thousand dollars;

For water for drinking and cooking purposes on board ships, eleven thousand dollars;

Labor and expenses of general store-houses, ninety thousand dollars; in all, one million and sixty-six thousand dollars.

CONTINGENT, BUREAU OF PROVISIONS AND CLOTHING: For freight on shipments; candles, fuel, books and blanks, stationery, advertising; furniture for general store-houses and pay-offices in navy-yards; expenses of naval clothing factory and machinery for same; foreign postage, telegrams, express charges tolls, ferriages, yoeman's stores, iron safes, newspapers, ice, and other necessary incidental expenses, in all, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF PROVISIONS AND CLOTHING: Navy-yard, Portsmouth, New Hampshire: In general store-houses: Two book-keepers at one thousand two hundred dollars per annum each, two thousand four hundred dollars; one assistant book-keeper, seven hundred and twenty dollars; one bill clerk, one thousand dollars; one assistant clerk, seven hundred and twenty dollars; one shipping and receiving clerk, one thousand dollars;

Navy-yard, Boston, Massachusetts: In general store-houses: One book-keeper, one thousand seventeen dollars and twenty-five cents; one shipping-clerk, nine hundred and thirty-nine dollars; one receiving clerk, nine hundred and thirty-nine dollars;

In pay-office: One writer, one thousand seventeen dollars and twenty-five cents;

Navy-yard, New York, New York: In general store-houses: Three book-keepers, at one thousand two hundred dollars per annum each, three thousand six hundred dollars; one assistant book-keeper, one thousand dollars; one assistant book-keeper, seven hundred and twenty dollars; three receiving clerks, four dollars per diem, three thousand seven hundred and fifty-six dollars; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars per annum, three thousand dollars; one bill clerk, one thousand dollars; one assistant bill clerk, seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each, one thousand five hundred and sixty-five dollars; five pressmen, at two dollars and seventy-six cents per diem each, four thousand three hundred and nineteen dollars and forty cents; one superintendent coffee-mills, at three dollars per diem, nine hundred and thirty-nine dollars; one box-maker, three dollars per diem, nine hundred and thirty-nine dollars; one engine tender, three dollars and twenty-six cents per diem, one thousand and twenty dollars and thirty-eight cents; one coffee-roaster, two dollars and fifty cents per diem, seven hundred and eighty-two dollars and fifty cents; one fireman, two dollars per diem, six hundred and twenty-six dollars; one messenger, two dollars and fifty cents per diem, seven hundred and eighty-two dollars and fifty cents;

In pay-office: One writer, one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and fifty cents per diem, seven hundred and eighty-two dollars and fifty cents;

Navy-yard, League Island, Pennsylvania: In general store-house: One book-keeper, one thousand two hundred dollars, one assistant book-keeper, seven hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general store-houses: One book-keeper, one thousand two hundred dollars; one clerk, one thousand two hundred dollars; one receiving clerk, one thousand dollars; one bill clerk, one thousand dollars; one shipping clerk, one thousand dollars;

In pay-office: One writer, one thousand seventeen dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each, two thousand four hundred dollars; two assistant book-keepers, at one thousand seventeen dollars and twenty-five cents per annum each, two thousand thirty-four dollars and fifty cents; one bill clerk, *one thou*sand dollars; one assistant bill clerk, seven hundred and *twenty dollars; one* receiving clerk, nine hundred and forty-two

dollars; one assistant receiving clerk, seven hundred and twenty dollars;

In pay-office: one writer, one thousand seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general store-house: One book-keeper, one thousand seventeen dollars and twenty-five cents; one receiving and shipping clerk, one thousand dollars;

Torpedo Station, Newport, Rhode Island: In general store-house: One clerk, one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each, two thousand four hundred dollars; two assistant book-keepers, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; one bill clerk, one thousand dollars; one assistant clerk, one thousand dollars;

In pay-office: One writer, one thousand seventeen dollars and twenty-five cents; in all, sixty-seven thousand three hundred and twenty-five dollars and fifty-three cents. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF CONSTRUCTION AND REPAIR.

BUREAU OF CONSTRUCTION AND REPAIR: Construction and repair of vessels: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; for steam steerers, pneumatic steerers, steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postages, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, eight hundred and twenty-five thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home;

Improvement of the Plant at the Navy-yard, Mare Island, California: Extra tools required to put the yard in condition for building and repairing iron and steel ships, one hundred thousand dollars;

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Pensacola, Forida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents. And no other fund appropriated by this act shall be used in payment for such services.

BUREAU OF STEAM ENGINEERING.

STEAM-MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, three hundred and seventy thousand dollars.

For purchase, handling, and preservation of all materials and stores, purchase, fitting, repair, and preservation of machinery and tools in the navy-yard and stations, and running yard-engines, two hundred and twenty-five thousand dollars.

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars; in all, six hundred and five thousand dollars: *Provided*, That no part of said sum shall be applied to the engines and machinery of wooden ships where the estimated cost of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

CONTINGENT, BUREAU OF STEAM-ENGINEERING: For contingencies, drawing materials, and instruments for the draughting-room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM-ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; one assistant draughtsman, at one thousand one hundred dollars; messenger, at six hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; assistant draughtsman, at one thousand one hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department at one thousand three hundred dollars; assistant draughtsman, at one thousand one hundred dollars; messenger, at six hundred dollars;

Navy-yard, Pensacola, Florida: For writer, one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, seventeen thousand dollars. And no other fund appropriated by this act shall be used in payment for such services.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics and one of physics, at two thousand five hundred dollars each, five thousand dollars; three professors (assistants), namely, one of chemistry, one of French and Spanish, and one of English studies, history and law, at two thousand two hundred dollars each, six thousand six hundred dollars; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, nine thousand dollars; one sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing-master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; three clerks to the superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively, three thousand dollars; one clerk to commandant of cadets, at one thousand two hundred dollars; one clerk to paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, at six hundred dollars; one armorer, at five hundred and twenty-nine dollars and fifty cents; one gunner's mate, at four hundred and sixty-nine dollars and fifty cents; one quarter-gunner, at four hundred and nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in department of seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each, six hundred dollars; six attendants at recitation-rooms, library, store, chapel, and offices, at three hundred dollars each, one thousand eight hundred dollars; one band-master, at five hundred and twenty-eight dollars; twenty-one first class musicians, at three hundred and forty-eight dollars each, seven thousand three hundred and eight dollars; seven second class musicians, at three hundred dollars each, two thousand one hundred dollars; in all, fifty-two thousand one hundred and nineteen dollars.

For special course of study and training of naval cadets as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem;

labor at gas-works and steam-buildings; for masons, carpenters, and other mechanics, and laborers for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in the purifying-house of the gas-house, at one dollar and fifty cents per diem, five hundred and forty-seven dollars and fifty cents; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM-EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam-engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

Total pay Naval Academy, one hundred and nine thousand and thirteen dollars and forty-five cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel and for heating and lighting the Academy and schoolships, seventeen thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors to the Naval Academy, being for mileage, and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam-machinery, steam-pipe and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, for feed and maintenance of teams, for current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam-engineering, eight hundred dollars; materials for repairs in steam-machinery, one thousand dollars; to complete boat-house for steam-launches, twenty-five thousand dollars, in addition to the five thousand dollars heretofore appropriated, which is hereby re-appropriated; in all seventy-one thousand eight hundred dollars.

Total for the Naval Academy, two hundred and eighteen thousand eight hundred and thirteen dollars and forty-five cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active-list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate-general United States Navy, nineteen captains, thirty first lieutenants, and fifteen second lieutenants, one hundred and eighty-one thousand five hundred and thirty dollars.

For pay of officers on the retired list: For one colonel, one quartermaster, three majors, two assistant quartermasters, six captains, two first lieutenants, and three second lieutenants, thirty-six thousand *four hundred* and twenty dollars.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty-five thousand dollars.

For pay of retired enlisted men: For one sergeant-major, one drum-major, one first sergeant, four sergeants, one first-class musician, two drummers, one fifer, and five privates, six thousand six hundred and thirty-six dollars.

For pay of civil force, namely: In the office of the colonel commandant: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents.

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents. In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents. In the office of the Quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty-cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents. In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one messenger, at one dollar and seventy-five cents per diem. In the office of the assistant quartermaster, San Francisco, California: One clerk, at one thousand four hundred dollars; in all, seventeen thousand four hundred and ninety-four dollars and twenty cents.

For undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-five thousand dollars: *Provided*, That no other fund appropriated by this act be used for such purpose;

For transportation: For transportation of officers traveling under orders without troops, eight thousand dollars;

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars; in all, for pay of the Marine Corps, six hundred and seventy-four thousand and eighty dollars and twenty cents.

PROVISIONS, MARINE CORPS: For one thousand non-commissioned officers, musicians, and privates, and for amount required to be transferred to the paymaster, Marine Corps, on account of rations to retired men, twenty men at fifty-eight dollars and forty cents per annum; in all, sixty-two thousand one hundred and eighty-five dollars and five cents.

CLOTHING, MARINE CORPS: For two thousand non-commissioned officers, musicians, and privates, sixty-five thousand dollars.

FOR FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, eighteen thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day, nine hundred and thirty-nine dollars; three mechanics, at two dollars and fifty cents each per day, two thousand three hundred and forty-seven dollars and fifty cents; in all, three thousand two hundred and eighty-six dollars and fifty cents.

For purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, and spare parts for repairing muskets, five thousand dollars.

For purchase of ammunition, one thousand dollars.

Purchase and repair of instruments for band, purchase of music and musical accessories, five hundred dollars; purchase of tents and camp-equipage, one thousand dollars; in all, ten thousand seven hundred and eighty-six dollars and fifty cents.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service. ten thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed, under the direction of the Quartermaster's Department, on the repair of barracks and other public buildings, nine thousand dollars.

Rent of buildings used for manufacture of clothing, storing supplies, and offices of assistant quartermasters, Philadelphia, Pennsylvania, and San Francisco, California, one thousand seven hundred and eighty dollars.

FORAGE, MARINE CORPS: For forage in kind for four horses of the Quartermaster's Department, and the authorized number of officers' horses, three thousand five hundred dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, toll, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephone, purchase and repair of type-writers, apprehension of deserters, repair of gas and water fixtures, office and barrack furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing-boxes, wrapping-paper, oil-cloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safe, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand-grenades, purchase and repair of carts and wheel-barrows, purchase and repair of cooking-stoves, ranges, stoves where there are no grates, purchase of ice, towels, and soap for offices, postage-stamps for foreign postage, purchase of newspapers and periodicals, improving parade-grounds, repair of pumps and wharves, laying drain and water pipes, introducing gas, and for gas and oil for marine barracks maintained at the various navy-yards and stations, water at the marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all,

twenty-six thousand three hundred and twenty-two dollars and two cents.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars.

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, and San Francisco, California, twenty-one dollars per month each, one thousand seven hundred dollars.

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand five hundred and sixty dollars.

Towards the erection of barracks at Norfolk, Virginia, thirty thousand dollars.

Total for the Marine Corps: Nine hundred and seventeen thousand two hundred and thirteen dollars and seventy-seven cents.

INCREASE OF THE NAVY.

CONSTRUCTION: That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed, by contract, two steel cruisers of about three thousand tons displacement each, at a cost, exclusive of armament, and excluding any premiums that may be paid for increased speed, of not more than eleven hundred thousand dollars each; one steel cruiser of about five thousand three hundred tons displacement, to cost, exclusive of armament, and excluding any premium that may be paid for increased speed, not more than eighteen hundred thousand dollars; one armored cruiser of about seven thousand five hundred tons displacement, to cost, exclusive of armament, not more than three million five hundred thousand dollars; and three gunboats, or cruisers, neither of which shall exceed two thousand tons in displacement nor seven hundred thousand dollars in cost, excluding any premium that may be paid for increased speed and the cost of armament; said three gun-boats, or cruisers, to be built either wholly of steel or with steel frames. The contracts for the construction of said first three cruisers shall contain provisions to the effect that the contractor guarantees that when completed and tested for speed, under conditions to be prescribed by the Navy Department, the two vessels first hereinbefore provided for, shall each exhibit a maximum speed of at least nineteen knots per hour; and the vessel of five thousand three hundred tons displacement, a maximum speed of at least twenty knots per hour; and in the case of each vessel, for every quarter knot of speed so exhibited above said guarantee the contractor shall receive a premium over and above the contract price of fifty thousand dollars; and for every quarter knot that such vessel fails of reaching said guaranteed speed, there shall be deducted from the contract price the sum of fifty thousand dollars. And in the contract for the construction of the three last-mentioned vessels such provisions for increased speed and the premium

for the same shall be made as in the discretion of the Secretary of the Navy may be deemed advisable. In the construction of all of said vessels all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment" as to material for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of, and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of any of said vessels, then he may build such vessel or vessels in such navy-yards as he may designate.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse-power under contracts now existing and to be made under this act, three million five hundred thousand dollars.

ARMAMENT: Towards the armor and armament of domestic manufacture of new ships heretofore and herein authorized, two million dollars; in all, five million five hundred thousand dollars.

STEEL PRACTICE VESSEL: For the construction of one steel practice vessel of eight hundred tons, for the use of the United States Naval Academy at Annapolis, except when in emergencies it may be used for other purposes, to be built by contract in accordance with the terms of the "Act to increase the naval establishment," approved August third, eighteen hundred and eighty-six, two hundred and sixty thousand dollars.

Approved September 7, 1888.

FIFTIETH CONGRESS, SECOND SESSION—MARCH 2, 1889.

[PUBLIC—No. 114.]

An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels; extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law; in all, seven million two hundred and fifty thousand dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yoemen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons and courts of inquiry, boards of investigation, examining boards, with clerk's and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymaster's offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, prints, manuscripts and periodicals, ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation, cost of special instruction, at home or abroad, in maintenance of students and attaches, and information from abroad, and the collection and classification thereof, and other

necessary incidental expenses; in all, two hundred and twenty-five thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus of offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

NAVIGATION AND SUPPLIES: For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments; nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; and professional papers; naval signals, and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ships way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, wardroom, and steerage, for the holds and spirit-room, for decks and quartermaster's use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running-lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs, for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war; in all, one hundred thousand dollars.

For installing the receiving-ship Vermont with an electric-lighting plant, six thousand dollars.

OCEAN SURVEYS: For special ocean surveys, and the publication thereof, five thousand dollars.

PUBLICATION OF SURVEYS OF MEXICAN AND OTHER COASTS: For preparing and engraving on copper-plates the surveys of Mexican coast, and the publication of a series of charts of the coast of Central and South America, five thousand dollars.

CONTINGENT, BUREAU OF NAVIGATION: For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing on public business; packing-boxes and materials; furniture, stationery, and fuel for navigation offices at navy-yards; and all other contingent expenses, five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF NAVIGATION: Navy-yard, New York: For one clerk at one thousand four hundred dollars; one writer, at one thousand dollars; one store-keeper, at nine hundred dollars; one master of tugs, at one thousand five hundred dollars;

Navy-yard, Portsmouth, New Hampshire: For one clerk, at one *thousand dollars;*

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand dollars; in all, nine thousand dollars. And no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, tools, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving ground and for prizes to enlisted men for excellence in ordnance exercises and target practice, one hundred and thirty thousand dollars.

For proof of naval armament, six thousand dollars.

For new wharf and approaches at Craney Island, Norfolk Harbor, five thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: Necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: Miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire-engines; gas and water pipes; gas and water tax at magazines; toll, ferriage, foreign postage, and telegrams to and from the Bureau, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand five hundred and forty-five dollars; three draughtsmen, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; one foreman, at two thousand one hundred and fifty-six dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator, at nine hundered dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving-ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Torpedo-station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars;

in all, twenty-four thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such service.

NAVAL TORPEDO STATION AND WAR COLLEGE: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats; instruction; instruments, tools, furniture, experiments, general torpedo outfits, and maintenance of the Naval Torpedo Station and War College on Goat Island, seventy thousand dollars.

For the construction of a building for use by the Naval Torpedo Station and War College as consolidated by order of the Secretary of the Navy January eleventh, eighteen hundred and eighty-nine, one hundred thousand dollars, to be immediately available, said sum to be in full for all expenses of designing, erecting, and furnishing said building.

For enlarging torpedo boat-house, five thousand dollars.

BUREAU OF EQUIPMENT AND RECRUITING.

EQUIPMENT OF VESSELS: For coal for steamers' and ship's use, including expenses of transportation, storage, and handling; hemp, wire, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; water for steam-launches; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, six hundred and seventy-five thousand dollars.

TRANSPORTATION AND RECRUITING: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service and for the transportation of enlisted men and boys at home and abroad, thirty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT AND RECRUITING: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges and libraries for enlisted men, school-books for training ships, medals for boys, and emergencies arising under cognizance of the Bureau of Equipment and Recruiting unforeseen and impossible to classify, fifteen thousand dollars.

NAVAL TRAINING-STATION, COASTERS' HARBOR ISLAND, RHODE ISLAND (for apprentices): For dredging channels, repairs to main causeway, roads, and grounds, extending sea-wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs and improvements on buildings, including the building on Coasters' Harbor Island, formerly occupied by the Naval War College, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food, and maintenance of live-stock and mail-wagon, and attendance on same, fourteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT AND RECRUITING: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one *thousand two hundred* dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars;

Navy-yard, New York: For one clerk, at one thousand two hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; in all, eleven thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire-engines, and apparatus; for incidental labor at navy-yards; water-tax, tolls, and ferriage; rent of four officer's quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing-boxes, and advertising for yard and dock purposes, one hundred and sixty-five thousand dollars.

PUBLIC WORKS.—Navy-yards and Stations:

Navy-yard, Boston, Massachusetts: Rebuilding by contract officers' quarters L. M. N. and O, at a cost when completed not to exceed the sum hereby appropriated, twenty-eight thousand six hundred and ten dollars.

Navy-yard, Brooklyn, New York: For improving Whitney basin, forty thousand dollars; railroad throughout the yard, fifteen thousand dollars.

Navy-yard, League Island, Pennsylvania: For landing wharf foot of Fifteenth street, dimensions seventy-five by four hundred feet, twenty-six thousand four hundred and sixteen dollars and forty cents; dredging and filling in, seventy-five thousand dollars, and in the expenditure of this sum the Secretary of the Navy may co-operate with the Secretary of War and utilize any earth that may be removed from adjacent waters under appropriations made by Congress.

Navy-yard, Washington, District of Columbia: To enable the Secretary of the Navy to cause a track, with all necessary switches and turn-outs, to be laid from a point on the line of the Baltimore and Potomac Railroad opposite the northwesterly corner of the Government reservation fronting on K and L streets southeast, and to run thence in a southerly direction across said reservation and along the existing highway, to a suitable place of entrance on the westerly side of the navy-yard, Washington, District of Columbia, and to be con-

tinued from such place of entrance to such points within said yard as the Secretary of the Navy may direct, such track to be used exclusively for the transportation of material belonging to, or intended for the use of, the United States, fifteen thousand dollars.

Navy-yard, Norfolk, Virginia: For building, by contract, two officers' quarters, to cost, when complete, not exceeding the sum hereby appropriated, sixteen thousand dollars.

Navy-yard, Mare Island, California: For iron-plating shop, five thousand seven hundred and fifty-five dollars and forty cents; roads along water front and about shops, five thousand dollars; extension of quay wall, fifty-five thousand dollars; continuing work on granite dry-dock, to be made available immediately, eighty thousand dollars.

Naval station, Port Royal, South Carolina: For officers' quarters, two thousand dollars.

Naval station, Key West, Florida: For two houses, for officers' quarters, eight thousand dollars.

Electric lighting of navy-yards: For the establishment of plant and the inauguration of electric lighting in the navy-yards at New York, Norfolk, Virginia, Washington, District of Columbia, and Mare Island, California, to be immediately available, sixty thousand dollars.

Repairs and preservation at navy-yards and stations: For repairs and preservation at navy-yards and stations, two hundred and twenty-five thousand dollars.

For the purpose of permanently establishing a station for coal and other supplies for the naval and commercial marine of the United States, on the shores of the Bay of the Harbor of Pago Pago in the island of Tutuilla, Samoa, for the erection of the necessary buildings and structures thereon and for such other purposes as may, in the judgment of the President, be necessary to confirm the rights of the United States under Article second of the Treaty of eighteen hundred and seventy-eight, between the United States and the King of the Samoan Islands, and the deed of transfer made in accordance therewith, one hundred thousand dollars, to be immediately available.

NEW NAVAL OBSERVATORY.

New Naval Observatory: For completing new Naval Observatory and necessary buildings upon the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty, two hundred and forty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at six hundred dollars per annum; one messenger, at six hundred dollars per annum; one foreman laborer, at four dollars per diem; one pilot, at three dollars per diem; one janitor, at six hundred dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger to yards and docks, at one dollar and seventy-six cents per diem; one mail messenger, at six hundred dollars per annum;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at six hundred dollars per annum; one messenger to commandant, at two dollars and twenty-five cents per diem; two messengers, at two dollars and twenty-five cents per diem each; one draughtsman, at five dollars per diem; one quarterman, at four dollars per diem;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one messenger to commandant, at two dollars per diem; one foreman laborer, at four dollars per diem;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman laborer, at four dollars per diem;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman laborer, at four dollars per diem; three messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at six hundred dollars per annum;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draughtsman, when necessary, at the rate of five dollars per diem; one mail messenger, at two dollars and seventy-four cents per diem; one messenger, at two dollars and twenty cents per diem; one messenger and lamp-lighter, at two dollars and twenty cents per diem; one bell-ringer, at two dollars and twenty-six cents per diem;

Naval station, Sackett's Harbor, New York: For one ship-keeper, at one dollar per diem, including Sundays; in all, forty-six thousand seven hundred and fifty-four dollars and sixty cents. And no other fund appropriated by this act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at two hundred and forty dollars; two assistant cooks, at one hundred and sixty-eight dollars each; one chief laundress, at one hundred and ninety-two dollars; six laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; one stable-keeper and driver, at three hundred and sixty dollars; one master-at-arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars.

Water-rent and gas, one thousand eight hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buidings; furnaces, grates, ranges, furniture, and repairs of furniture, four thousand five hundred *dollars*; music in chapel, six hundred dolls

Transportation of indigent and destitute beneficiaries to the Naval Home five hundred dollars; for cementing floor of Home cellar, four thousand eight hundred and fifty dollars; for support of beneficiaries, forty-six thousand one hundred dollars; in all, sixty-eight thousand five hundred and seventeen dollars; which sum shall be paid out of the income from the naval pension fund.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval-stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and Naval Academy, fifty-seven thousand five hundred dollars.

NAVAL-HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of unbound books and pamphlets, postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene; naval dispensary, Washington; naval laboratory, sick-quarters at Naval Academy and marine barracks and dispensaries at navy-yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, side-walks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

SICK QUARTERS, NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For the construction by contract of sick quarters at the navy-yard, Portsmouth, New Hampshire, in full for all expenses of erecting and furnishing the same, to be immediately available, thirty-five thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, BUREAU OF PROVISIONS AND CLOTHING: For provisions for the seamen and marines, commuted rations for officers, naval cadets, seamen, and marines, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, nine hundred and fifty-four thousand dollars;

For water for drinking and cooking purposes on board ships, eleven thousand dollars;

Labor and expenses of general store-houses and paymasters' offices in yards, not to exceed ninety thousand dollars; in all, one million and fifty-five thousand dollars.

CONTINGENT, BUREAU OF PROVISIONS AND CLOTHING: For freight on shipments; candles, fuel, books and blanks, stationery, advertising; furniture for general store-houses and pay offices in navy-yards; expenses of naval-clothing factory and machinery for same; foreign postage, telegrams, telephones, express charges, tolls, ferriages, yeomens' stores, iron safes, newspapers, ice, and other necessary incidental expenses, forty thousand dollars.

And the further sum of seventeen thousand one hundred and thirty-five dollars and twenty-nine cents, unexpended balance of the contingent fund for the year ending June thirtieth, eighteen hundred and eighty-seven, is hereby reappropriated and made immediately available.

CIVIL ESTABLISHMENT, BUREAU OF PROVISIONS AND CLOTHING: Navy-yard, Portsmouth, New Hampshire: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; one assistant book-keeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars.

Navy-yard, Boston, Massachusetts: In general store-houses: One book-keeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at nine hundred and thirty-nine dollars; one receiving clerk, at nine hundred and thirty-nine dollars.

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents.

Navy-yard, New York, New York: In general store houses: Three book-keepers, at one thousand two hundred dollars per annum each; one assistant book-keeper, at one thousand dollars; one assistant book-keeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars per annum each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box-maker, at three dollars per diem; one engine-tender, at three dollars and twenty-six cents per diem; one coffee-roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem.

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem.

Navy-yard, League Island, Pennsylvania: In general store-house: One book-keeper, at one thousand two hundred dollars; one assistant book-keeper, at seven hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general store-house: One book-keeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousaud dollars.

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general store-house: One

book-keeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars.

Torpedo Station, Newport, Rhode Island: In general store-house: One clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; two assistant book-keepers, at seven hundred and twenty dollars per annum each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars.

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; two assistant book-keepers, at one thousand seventeen dollars and twenty-five cents per annum each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars.

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, sixty-six thousand five hundred and ten dollars and three cents; and no other fund appropriated by this act shall be used in payment for such service.

It shall be the duty of the Bureau of Provisions and Clothing to cause property accounts to be kept of all the supplies pertaining to the naval establishment, and to report annually to Congress the money values of the supplies on hand at the various stations at the beginning of the fiscal year, the dispositions thereof, and of the purchases, and the expenditures of supplies for the year, and the balances remaining on hand at the end thereof.

And for the purpose of utilizing accumulated naval supplies, the transfer is authorized, after requisition upon the Paymaster-General of the Navy, of any supplies belonging to one bureau and available for the use of another without reimbursement therefor by the bureau receiving the supplies so transferred: *Provided*, That supplies obtained for a specific object and still needed therefor, and supplies bought within the fiscal year in which the requisition is made, and provisions, clothing, and small stores shall not be subject to transfer without charge under the terms of this act.

BUREAU OF CONSTRUCTION AND REPAIR.

BUREAU OF CONSTRUCTION AND REPAIR: Construction and repair of vessels: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat, general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, one million dollars, of which sum one hundred and fifty thousand dollars shall be immediately available: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated *cost of such repairs*, to be appraised by a competent board of naval

officers, shall exceed twenty per centum of the estimated cost appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the purchase, or construction by contract, of four steam-tugs, the cost of which shall not exceed thirty-five thousand dollars each, one for use at the navy-yard, Washington, District of Columbia, and one at the navy-yard, Mare Island, California, in all, one hundred and forty thousand dollars.

Improvement of plant at navy-yard, New York: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars.

Improvement of plant at navy-yard, Norfolk, Virginia: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents. And no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs and preservation of machinery and boilers of naval vessels, including cost of new boilers, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, three hundred and seventy thousand dollars;

For purchase, handling, and preservation of all materials and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and twenty-five thousand dollars;

For *incidental expenses for* naval vessels, yards, and the Bureau,

such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars; in all, six hundred and five thousand dollars: *Provided*, That no part of said sum shall be applied to the engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

CONTINGENT, BUREAU OF STEAM-ENGINEERING: For contingencies, drawing materials, and instruments for the draughting-room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM-ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; one assistant draughtsman, when necessary, at the rate of one thousand one hundred dollars; messenger, at six hundred dollars.

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; assistant draughtsman, when necessary, at the rate of one thousand one hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; assistant draughtsman, at one thousand one hundred dollars; messenger, at six hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, seventeen thousand dollars. And no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics and one of physics, at two thousand five hundred dollars each, five thousand dollars; three professors (assistants), namely, one of chemistry, one of French and Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each, six thousand six hundred dollars; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, nine thousand dollars; one sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing-master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; three clerks to the Superintendent, at one thousand two hundred dollars, one thousand, and eight hundred dollars, respectively, three thousand dollars; one clerk to commandant of cadets, at one thousand two hundred dollars; one clerk to paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one *baker, at six* hundred dollars; one mechanic in department of physics

and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to Superintendent, at six hundred dollars; one armorer, at five hundred and twenty-nine dollars and fifty cents; one gunner's mate, at four hundred and sixty-nine dollars and fifty-cents; one quarter-gunner, at four hundred and nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in department of seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each, six hundred dollars; six attendants at recitation-rooms, library, store, chapel, and offices, at three hundred dollars each, one thousand eight hundred dollars; one band-master, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each, seven thousand three hundred and eight dollars; seven second-class musicians, at three hundred dollars each, two thousand one hundred dollars; in all, fifty-two thousand one hundred and nineteen dollars.

For special course of study and training of naval cadets as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; labor at gas-works and steam-buildings; for masons, carpenters, and other mechanics, and laborers for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in the purifying-house of the gas-house, at one dollar and fifty cents per diem, five hundred and forty-seven dollars and fifty cents; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam-engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, seventeen thousand dollars.

For the purchase of the land and buildings thereon, and inclosing and grading the same, situated adjacent to the Naval Academy at Annapolis, and between the Academy grounds and the Naval Hospital grounds, a sum not exceeding ninety thousand dollars: *Provided, however*, That the Secretary of the Navy may, if he deems it for the best interests of the United States, proceed and acquire title to said land and buildings by condemnation thereof by judicial proceedings to be commenced in the appropriate circuit court of the United States, which court shall, for the purpose of ascertaining the true value of said land, appoint three commissioners, who shall be competent and disinterested appraisers, and all the proceedings for the condemnation aforesaid shall be in accordance, except as herein provided, with the act of Congress of August first, eighteen hundred and eighty-

eight, entitled "An act to authorize condemnation of land for sites of public buildings, and for other purposes."

CONTINGENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank-books, models, maps, and text books for use of instructors, two thousand dollars; expenses of the Board of Visitors to the Naval Academy, being mileage, and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam-machinery, steam-pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam-engineering, eight hundred dollars; materials for repairs in steam-machinery, one thousand dollars; in all, forty-one thousand eight hundred dollars.

New furniture for cadets' quarters (wardrobes, bedsteads, and tables), two thousand five hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quarter-master, four majors, two assistant quartermasters, one judge-advocate-general United States Navy, nineteen captains, thirty first lieutenants, and thirteen second lieutenants, one hundred and eighty-one thousand eight hundred and eighty dollars.

Pay of officers on the retired list: For one colonel, one lieutenant-colonel, one quartermaster, three majors, two assistant quartermasters, five captains, three first lieutenants, and three second lieutenants, forty thousand nine hundred and ninety-five dollars.

Pay of non-commissioned officers, musicians and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, three hundred and eighty-nine thousand and one hundred dollars;

Pay of retired enlisted men: For one sergeant-major, one drum-major, one first sergeant, four sergeants, one first-class musician, two drummers, one fifer, and twelve privates, eight thousand two hundred and forty dollars;

Pay of civil force: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents. In the office of the paymaster: One chief clerk, at one thou*sand six* hundred dollars; one clerk, at one thousand four hundred *and ninety-six dollars* and fifty-two cents; one clerk, at one thousand

two hundred and fifty-seven dollars and twelve cents. In the office of the Quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents. In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one messenger, at one dollar and seventy-five cents per diem: In the office of the assistant quartermaster, San Francisco, California: One clerk, at one thousand four hundred dollars; in all, seventeen thousand four hundred and ninety-three dollars and thirty-five cents.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-five thousand dollars: *Provided*, That no other fund appropriated by this act to be used for such purpose;

Transportation: For transportation of officers traveling under orders without troops, nine thousand dollars.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars; in all, for pay of the Marine Corps, six hundred and eighty-five thousand seven hundred and eight dollars and thirty-five cents.

PROVISIONS, MARINE CORPS: For one thousand one hundred non-commissioned officers, musicians, and privates, and commutation of rations to eleven enlisted men, detailed as clerks and messengers, also for payment of board of enlisted men for recruiting parties, said payment for board not to exceed two thousand five hundred dollars, sixty-two thousand three hundred and five dollars and fifty cents;

For amount required to be transferred to paymaster, Marine Corps, on account of rations to retired men, sixty-two dollars and thirty-one cents per annum, one thousand five hundred and fifty-seven dollars and seventy-five cents; in all, sixty-three thousand eight hundred and sixty-three dollars and twenty-five cents.

CLOTHING, MARINE CORPS: For two thousand one hundred non-commissioned officers, musicians, and privates, sixty-five thousand dollars.

FOR FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, eighteen thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day, nine hundred and thirty-nine dollars; three mechanics, at two dollars and fifty cents each per day, two thousand three hundred and forty-seven dollars and fifty cents; for purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, knapsacks, canteens, musket-slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, and spare parts for repairing muskets, purchase of ammunition, purchase and repair of instruments for band, purchase of music and musical accessories; in all, twelve thousand dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service, ten thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire, Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, *Maryland*: headquarters and navy-yard, Wash-

ington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed, under the direction of the Quartermasters' Department, on the repair of barracks and other public buildings, ten thousand dollars;

For alteration and repair of marine barracks at Boston, Massachusetts, five thousand dollars;

To complete the erection of marine barracks at Norfolk, Virginia, fifteen thousand dollars.

For repairing buildings recently damaged by storm, marine barracks, navy-yard, Brookly, New York, twenty thousand dollars, to be immediately available;

For rent of buildings used for manufacture of clothing, storing supplies, and for offices of assistant quartermasters, Philadelphia, Pennsylvania, and San Francisco, California, one thousand seven hundred and eighty dollars; in all, fifty-one thousand seven hundred and eighty dollars.

FORAGE, MARINE CORPS: For forage in kind for four horses of the Quartermaster's Department, and the authorized number of officer's horses, three thousand five hundred dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of type-writers, apprehension of deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, repair of gas and water fixtures, office and barracks furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing-boxes, wrapping-paper, oil-cloth, crash, rope, twine, camphor and carbolized paper, carpenter's tools, tools for police purposes, iron safe, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand-grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking-stoves, ranges, stoves where there are no grates, purchase of ice, towels, and soap for offices, postage-stamps for foreign postage, purchase of newspapers and periodicals, improving parade-grounds, repair of pumps and wharves, laying drain and water pipes, introducing gas, and for gas and oil for marine barracks maintained at the various navy-yards and stations, water at the marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding and purchase of mattresses for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, twenty-seven thousand five hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars.

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant's, and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and *assistant quar*termaster's offices, Philadelphia, Pennsylvania, and

San Francisco, California, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars.

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

INCREASE OF THE NAVY.

To enable the President to further increase the Naval Establishment of the United States he is hereby authorized to have constructed by contract one armored steel cruising monitor, of not less than three thousand tons displacement, at a cost not exceeding one million five hundred thousand dollars—exclusive of armament, and of any premium which may be paid for increased speed—of the type, and according to the plans approved and recommended by a naval board in their report to the Secretary of the Navy, and by him referred to and approved in his letter to the chairman of the Committee on Naval Affairs of the House of Representatives, dated January ninth, eighteen hundred and eighty-nine, to be approved by the Secretary of the Navy.

The contract for the construction of said cruising monitor, her boilers, engines, and machinery, shall contain provisions to the effect that, under conditions to be prescribed by the Navy Department, the contractor shall guarantee that the collective horse-power developed by the engines of said vessel shall equal seven thousand five hundred indicated horse-power, and that said vessel when completed and tested for speed, under conditions to be prescribed by the Navy Department, shall exhibit a maximum speed of not less than seventeen knots per hour; and the contract for said vessel shall contain a further provision that for every quarter of knot of speed so exhibited above said guaranty of seventeen knots the contractor shall receive a premium, over and above the contract price, of fifty thousand dollars, and for every quarter-knot that said vessel fails of reaching said guaranteed speed there shall be deducted from the contract price the sum of fifty thousand dollars. The material, boilers, engines, and machinery shall be of domestic manufacture and of the latest and most approved quality and type.

The act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," so far as applicable, shall govern the construction of said vessel.

And the President is also hereby further authorized to contract with the Pneumatic Dynamite Gun Company for the construction of one additional cruiser of the Vesuvius type, of not less dimensions than that vessel, and to attain a speed under similar conditions as to trial, of twenty-one knots an hour, with an endurance of not less than fifteen days at ten knots an hour, to be armed with two pneumatic dynamite guns of fifteen inch caliber, and to be fitted for such other armament as the Secretary of the Navy may prescribe: *Provided*, That the contractors shall guaranty a speed of twenty knots an hour, and that there shall be deducted from the contract price the sum of ten thousand dollars for every quarter knot that said vessel fails of reaching the further speed of twenty-one knots per hour: *And provided further*, That the Secretary of the Navy shall be satisfied, after official tests made with the Vesuvius and her guns, as to the efficiency of the armament of that vessel; and the cost of said vessel shall not exceed the sum of four hundred and fifty thousand dollars.

The President is hereby further authorized to have constructed by contract two steel cruisers or gun-boats of the most approved type, of eight hundred to twelve hundred tons displacement, to cost in the aggregate, exclusive of armament, not more than seven hundred thousand dollars, and one ram for harbor defense of the general type approved by the Naval Advisory Board in their report to the Secretary of the Navy of November seventh, eighteen hundred and eighty-one, of the highest practicable speed.

The act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," so far as applicable, shall govern the construction of the two steel cruisers or gun-boats, and the ram herein authorized; and all of said vessels shall be of domestic manufacture.

To enable the Secretary of the Navy to test, and if found satisfactory, to purchase three or more rapid-fire rapid-twist, one-pounder breech-loading rifled guns, and an equal number of the same type of three-pounder guns, and an equal number of the same type of thirty-two-pounder guns, as the Secretary of the Navy may designate, said test to be made with the cartridge known as a reinforce cartridge, and for said purpose the sum of fifty thousand dollars is hereby appropriated: *Provided*, That no part of this money shall be expended until the owners of the patents for such guns and cartridges shall contract at such a price as shall be satisfactory to the Secretary of the Navy for the exclusive right on the part of the Government to manufacture by contract or otherwise, such guns and cartridges without the payment of any royalty upon the same, the option of the Government to make such contract to be exercised within a period to be fixed by said contract.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse-power under contracts now existing and to be made under this and other acts providing for increase of the Navy, four million and fifty-five thousand dollars, of which sum fifty-five thousand dollars is hereby authorized to be expended by the Secretary of the Navy upon the electric lighting of the Miantonomah, Terror, Monadnock, Petrel, and Vesuvius, in addition to the amounts heretofore authorized to be expended on the said vessels.

ARMAMENT: Towards the armament and armor of domestic manufacture for the vessels authorized by the act of March third, eighteen hundred and eighty-five; of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty-six; of the unfinished monitors mentioned in section three of the same act; of the Miantonomah; of the vessels authorized by the act approved March third, eighteen hundred and eighty-seven, and of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight, and this act, two million five hundred thousand dollars.

GUN PLANT, NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: To complete the construction and equipment of the ordnance shops, offices, and gun plant at the Washington navy-yard, to be made immediately available, six hundred and twenty-five thousand dollars.

Approved, March 2, 1889.

FIFTY-FIRST CONGRESS, FIRST SESSION, JUNE 30, 1890.

An act making appropriations for the Naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-one, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety-one, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; admirals, secretary; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels; extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys at the pay prescribed by law; in all, seven million two hundred and fifty thousand dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeoman, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, prints, manuscripts, and periodicals, ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

FOR THE PURCHASE OF FARMER'S HOUSE, COASTER'S HARBOR ISLAND, RHODE ISLAND: For the purchase of the Farmer's House, on Coaster's Harbor Island, erected by W. A. Whaley, at his expense, under permission granted him by the Secretary of the Navy, September twenty-sixth, eighteen hundred and eighty-four, two thousand two hundred and fifty dollars.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target-practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys, the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, ten thousand dollars.

BOUNTY FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

RECRUITING AND TRANSPORTATION: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad, thirty thousand dollars.

CONTINGENT, BUREAU OF NAVIGATION: For heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges and medals for boys; school-books for training-ships; packing-boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, fifteen thousand dollars.

NAVAL TRAINING STATION, COASTER'S HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea-wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs and improvements on buildings, including the building on Coaster's Harbor Island, formerly occupied by the Naval War College; heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live-stock, and mail wagon and attendance on same, fourteen thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTER'S HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coaster's Harbor Island ten thousand dollars; and the Secretary of the Navy is hereby authorized to cause the building for use

by the Naval War College and Torpedo School, for the construction of which the sum of one hundred thousand dollars was appropriated in the act of March second, eighteen hundred and eighty-nine, to be erected on Coaster's Harbor Island.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, tools, and material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving-ground, one hundred and thirty thousand dollars.

For proof of naval armament, six thousand dollars.

For the purchase of armor plates for reception tests of modern projectiles, fifty thousand dollars.

NAVAL ORDNANCE RANGE AND PROVING-GROUND: For draining, erection of firing butts, screens, cranes, building of wharf, chronograph house, and other necessary improvements of naval ordnance range and proving-ground heretofore authorized by act of March third, eighteen hundred and eighty-seven, twenty-five thousand dollars: *Provided*, That the moneys heretofore and hereby appropriated for the purpose of erecting buildings and making other improvements on said proving-ground may be forthwith expended upon the acquisition by the United States of the title thereto.

For one steel shell-lighter of about sixty-eight tons displacement, with carrying capacity of about forty-five tons, eight thousand dollars;

To enable the Secretary of the Navy to manufacture and experimentally test, under rules and conditions to be prescribed by him, a submarine gun and projectiles for the same, thirty thousand dollars: *Provided*, That no part of this money shall be expended until the owners of the patents to be tested under this provision shall agree by contract to give the Government the option within a specified time to contract at such price as shall be satisfactory to the Secretary of the Navy for the exclusive right on the part of the Government to manufacture by contract or otherwise such submarine guns and projectiles without the payment of any royalty on the same: *Provided*, That such submarine gun and projectiles shall prove satisfactory on due test, and be approved by the Secretary of the Navy; and for testing torpedoes, twenty thousand dollars; in all fifty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, implements, tools, furniture, experiments and general torpedo outfits; sixty thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire engines; gas and water pipe; gas and water tax at magazine; toll, ferriage, foreign postage, and telegrams to and from the Bureau, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars:

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars:

Navy-yard, New York: For one clerk, at one thousand four hundred dollars:

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; one clerk, at twelve hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand six hundred dollars; three draughtsman, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars:

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars:

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents:

Naval ordnance proving-ground: For one writer, at one thousand and seventeen dollars and twenty-five cents:

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars; in all, twenty-six thousand six hundred and twenty-four dollars. And no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galley, and chains; canvas for the manufacture of sails, awnings, hammock-cloths, boom-covers, tarpaulins, hammocks, and bags; water for steam launches; stationery for equipment officers, and for the purchase of all other articles of equipment at home and abroad and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, and repairs of nautical instruments for ships of war; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely: signal lights, lanterns, rockets, running-lights, compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship including those for the cabin, wardroom, and steerage, for the holds and store-rooms; for decks and *quartermaster's* use; bunting and other materials for flags, and *making and repairing* flags of all kinds; oil for ships of war, other

than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running-lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments, and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war, nine hundred thousand dollars.

For installing the United States steamship Lancaster with an electric lighting plant, ten thousand dollars.

ELECTRIC WELDING MACHINE: For installing an electric welding machine in the Boston navy-yard, twelve thousand dollars: *Provided*, That the party supplying the said machine and apparatus shall guarantee that it will operate satisfactorily in the welding of steel links for chain cables of the various sizes up to two and one half inches in diameter, and no payment shall be made until tests shall have been made to the satisfaction of the Secretary of Navy, and no royalty shall be paid for the use of said machine.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars;

Navy-yard, New York: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one store-keeper, at nine hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars; in all, nineteen thousand and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment and navigation stores, packing-boxes and materials, printing, advertising, telegraphing, books and models; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment, unforeseen and impossible to classify, ten thousand dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in

the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire-engines, and apparatus; for incidental labor at navy-yards; water-tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing-boxes, and advertising for yard and dock and other purposes, two hundred and thirty thousand dollars.

PUBLIC WORKS.—NAVY-YARDS AND STATIONS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For increasing water supply, six thousand three hundred and fifty dollars; completing hydrant system, six thousand and eighty dollars; for reconstructing buildings numbers forty-five and forty-six, destroyed by fire January twenty-seventh, eighteen hundred and ninety, at the United States navy-yard, Portsmouth, New Hampshire, for construction and repair, fifty thousand dollars, appropriation to be immediately available.

NAVY-YARD, BOSTON, MASSACHUSETTS: For new boiler and pumping machinery, taking down and resetting the end of granite dry dock and putting in the necessary backing and drainage, fifty thousand dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For extending railroad system and necessary rolling-stock, five thousand dollars; for completing approaches to timber dry-dock, twenty-five thousand dollars; for repairing cob-dock, improvement of Whitney Basin, rebuilding sea-wall and dredging, one hundred and twenty-five thousand dollars; for relaying water-pipes in the yard, fifteen thousand dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For rebuilding Broad street wharf, sixty thousand dollars; and the sum of twenty-six thousand four hundred and sixteen dollars and forty cents appropriated by act of March second, eighteen hundred and eighty-nine, for landing wharf foot of Fifteenth street, is hereby transferred to the rebuilding of the Broad street wharf in addition to the sum appropriated by this act for building and furnishing two officers' quarters, ten thousand dollars; for dredging and filling in and paving and improvement of grounds, twenty-five thousand dollars; for extending permanent sea-wall, twenty-five thousand dollars; for the construction of a light retaining-wall, twenty-five thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For changing building number seven into an apartment house of three stories for additional quarters, ten thousand dollars; for dredging and filling in, five thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: For completing railroad system, five thousand dollars; for completing water system, five thousand dollars; for completing approaches to timber dry-dock, ten thousand dollars; for extending machine-shop (for steam-engineering), five thousand dollars; for connecting new pumps with old dry-dock, fifteen thousand dollars.

COALING STATION, PORT ROYAL, SOUTH CAROLINA: Toward the construction of a timber dry-dock or floating dock, at the coaling station, Port Royal, South Carolina, in accordance with the recommendation of the commissions to report as to the most de-

sirable location on or near the coast of the Gulf of Mexico and the South Atlantic coasts for navy-yards and dry-docks, two hundred thousand dollars.

And the Secretary of the Navy be, and he is hereby, authorized to make a contract for the construction of said timber dry-dock, or floating dock, the cost not exceeding five hundred thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: For changing location of railroad scale-house and pump-house, made necessary by new treasury buildings, one thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For bridge across sectional dock basin, two thousand dollars; for boat landings, three thousand dollars; for building wagon-road towards cemetery and magazine, five thousand dollars; for replanking wharves, five thousand dollars; for completing electric-light plant, thirty thousand dollars; for moving ferry slip back, straightening sea-wall, and dredging, twenty thousand dollars; for completing repairs to sectional dry-dock, fifteen thousand dollars.

NAVAL STATION, NEW LONDON: For rebuilding the wharf, six thousand five hundred dollars.

LAUNCHING WAYS AND GRANITE SLIPS AT NEW YORK AND NORFOLK NAVY-YARDS: For extending launching ways and making alterations in granite slips, thirteeen thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, two hundred and fifty thousand dollars.

The Secretary of the Navy is hereby authorized to sell, after advertisement of the sale for such time as in his judgment the public interests may require, condemned naval supplies, stores, and materials, either by public auction or by advertisement for sealed proposals for the purchase of the same.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one master of tugs, at one thousand five hundred dollars; for two writers, at nine hundred dollars each per annum; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draughtsman, at five dollars per diem; one quarterman,

at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays;

Naval Station, Sackett's Harbor, New York: For one ship-keeper, at three hundred and sixty-five dollars per annum.

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem;

Navy-yard, Norfolk, Virginia: For one clerk at one thousand four hundred dollars, one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draughtsman, at five dollars per diem, one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamp-lighter, at two dollars per diem;

Naval Station, Key West, Florida: For one messenger, at six hundred dollars; in all, fifty-three thousand nine hundred and eighty-six dollars and four cents. And no other fund appropriated by this act shall be used in payment for such services.

And the President be, and he hereby is, required to appoint a commission composed of two competent naval officers, one competent Army officer, and two competent persons from civil life, whose duty it shall be to select a suitable site, having due regard to commercial and naval interests, for a dry-dock at some point on the shores of the Pacific Ocean or the waters connected therewith north of the parallel of latitude marking the northern boundary of California, including the waters of Puget Sound, and also Lakes Union and Washington, in the State of Washington; and having selected such site shall, if upon private lands, estimate its value, and ascertain, as nearly as practicable, the cost for which it can be purchased or acquired, and of their proceedings and action make full and detailed report to the President, and the President shall transmit such report with his recommendations to Congress.

And the President be, and he hereby is, required to appoint a commission composed of two competent naval officers, one competent Army officer, and two competent persons from civil life, whose duty it shall be to select a suitable site, having due regard to commercial and naval interests, for a dry-dock at some point on the shores of *the Gulf of Mexico* or the waters connected therewith; and having *selected such site* shall if upon private lands, estimate its value and

ascertain as nearly as practicable the cost for which it can be purchased or acquired, and of their proceedings and action make full and detailed report to the President, and the President shall transmit such report with his recommendations to Congress. That to defray the expenses of such commissions the sum of fifteen thousand dollars, or so much thereof as may be necessary, be, and the same is hereby, appropriated.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; four laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable-keeper and driver, at three hundred and sixty dollars; one master-at-arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; water-rent and gas, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnace, grates, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; music in chapel, six hundred dollars; and the sum of eight hundred dollars appropriated by act of March second, eighteen hundred and eighty-nine, is hereby reappropriated for fitting up bath rooms for beneficiaries; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; erecting elevator in main building of Naval Home, four thousand dollars; for support of beneficiaries, fifty thousand dollars; total for Naval Home, seventy-three thousand one hundred and fifteen dollars; which sum shall be paid out of the income from the naval pension fund.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval-stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval-laboratory, museum of hygiene, and Naval Academy, sixty thousand dollars.

NAVAL-HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriage, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising, telegraphing; rent of telephones; purchase of books and stationery; binding of unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and har-

ness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene; naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks and dispensaries at navy-yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and all other necessary contingent expenses, twenty five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, navy hospitals, and appendages, including roads, wharves, out-houses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

LAUNDRY AT NAVAL HOSPITAL, NEW YORK: For construction of a laundry and drying-room at the naval hospital, New York, in full for all expenses of erecting the building and supplying necessary machinery and fittings, five thousand six hundred dollars.

SICK QUARTERS AT NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For additional appropriation for erecting and furnishing sick quarters at the navy-yard, Portsmouth, New Hampshire, eight thousand dollars; total for Bureau of Medicine and Surgery, one hundred and thirty eight thousand and six hundred dollars.

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, BUREAU OF PROVISIONS AND CLOTHING: For provisions for the seamen and marines, commuted rations for officers, naval cadets, seamen, and marines, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, nine hundred and sixty-five thousand dollars; for water for drinking and cooking purposes on board ships, eleven thousand dollars; labor and expenses of general store-houses and paymasters' offices in yards, not to exceed ninety thousand dollars; in all, one million and sixty-six thousand dollars. And the clothing fund and small stores fund shall be hereafter consolidated and administered as a fund to be known as the clothing and small stores fund.

CONTINGENT, BUREAU OF PROVISIONS AND CLOTHING: For freight on shipments; candles, fuel, books and blanks, stationery, advertising; furniture for general store houses and pay-offices in navy-yard; expenses of naval clothing factory and machinery for same; foreign postage, telegrams, telephones, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other necessary incidental expenses, forty thousand dollars. And section thirty-seven hundred and eighteen of the Revised Statutes of the United States is hereby amended by striking out the words "once a week for four weeks" and inserting in lieu thereof the words "twice a week for two weeks or longer, not to exceed four weeks, in the discretion of the Secretary of the Navy."

CIVIL ESTABLISHMENT, BUREAU OF PROVISIONS AND CLOTHING: Navy-yard, Portsmouth, New Hampshire: In General store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; one assistant book-keeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk at *seven hundred* and twenty dollars; one shipping and receiving clerk, *at one thousand* dollars;

Navy-yard, Boston, Massachusetts: In general store houses: One book-keeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general store-houses: Three book-keepers, at one thousand two hundred dollars per annum each; one assistant book-keeper, at one thousand dollars; one assistant book-keeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars per annum each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box-maker, at three dollars per diem; one engine-tender, at three dollars and twenty-six cents per diem; one coffee-roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem;

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem;

Navy-yard, League Island, Pennsylvania: In general store-house: One book-keeper, at one thousand two hundred dollars; one assistant book-keeper, at seven hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general store-house: One book-keeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars;

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general store-house: One book-keeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars;

Torpedo Station, Newport, Rhode Island: In general store-house: One clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; two assistant book-keepers, at seven hundred and twenty dollars per annum each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars;

In pay-office: One writer at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general store-houses: Two book-keepers, at one thousand two hundred dollars per annum each; two assistant book-keepers, at one thousand seventeen dollars and twenty-five cents per annum each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one

receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars;

In pay-office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, sixty-seven thousand five hundred and thirty-two dollars and three cents; and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vesssels afloat, general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for draughting-room, one million dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For Improvement of plant at Navy-yard, Portsmouth, New Hampshire: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

For Improvement of plant at Navy-yard, Boston, Massachusetts: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

For the improvement of plant at navy-yard, League Island, Pennsylvania: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

FOR IMPROVEMENT OF PLANT AT NAVY-YARD, NEW YORK: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars.

FOR IMPROVEMENT OF PLANT AT NAVY-YARD, NORFOLK, VIRGINIA: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, and the erection of the same, fifty thousand dollars.

FOR IMPROVEMENT OF PLANT AT NAVY-YARD, MARE ISLAND, CALIFORNIA: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, and the erection of the same, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: *Navy-yard, Portsmouth*, New Hampshire: For one clerk to naval con

structor, at one thousand four hundred dollars; two writers at one thousand and seventeen dollars and twenty five cents each;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents. And no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, plans and drawings, and preservation of machinery and boilers of naval vessels, including cost of new boilers, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred thousand dollars;

For purchase, handling, and preservation of all materials and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars.

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars; in all, six hundred and fifty thousand dollars: *Provided*, That no part of said sum shall be applied to the engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and material.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the draughting-room, one thousand dollars.

Improvement of machinery plant, navy-yard, Boston, Massachusetts: For extra tools required to put the yard in condition for repairing modern marine machinery with economy and dispatch, including improvements in boiler-making plant, and improved machine tools, forty thousand dollars.

IMPROVEMENT OF MACHINERY PLANT, NAVY-YARD, BROOKLYN, NEW YORK: For extra tools required to put the yard in condition for

building and repairing modern marine machinery with economy and dispatch, including traveling crane in foundry and new boiler shop, seventy five thousand dollars.

IMPROVEMENT OF MACHINERY PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: For extra tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, including improvements in boiler making plant, and improved machine tools, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger at six hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger at six hundred dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars;

Navy-yard, Pensacola, Florida: For writer at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger at six hundred dollars; writer, at one thousand dollars; in all eleven thousand nine hundred dollars. And no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry and one of physics, at two thousand five hundred dollars each, seven thousand five hundred dollars, two professors (assistants) namely, one of French and Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each, four thousand four hundred dollars; five assistant professors, namely, one of English studies, history and law, three of French, and one of drawing, at one thousand eight hundred dollars each, nine thousand dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each, one boxing-master and gymnast at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, one at one thousand two hundred dollars, and one at one thousand dollars, respectively, two thousand two hundred dollars; one clerk to commandant of cadets, at one thousand two hundred dollars; one clerk to paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to Superintendent, at six hundred dollars; one armorer, at six hundred and forty nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter-gunner, at four hundred and thirty-three dollars and fifty cents; one cockswain, at four hundred *and sixty-nine dollars* and fifty cents; one seaman in department of

seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each, six hundred dollars; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each, one thousand eight hundred dollars; one band-master at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty eight dollars each, seven thousand three hundred and eight dollars; seven second-class musicians, at three hundred dollars each, two thousand one hundred dollars; pay of organist at chapel of Naval Academy, three hundred dollars; in all fifty two thousand three hundred and twenty-three dollars.

For special course of study and training of naval cadets as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; labor at gas-works and steam-buildings: for masons, carpenters, and other mechanics, and laborers for care of buildings, grounds, wharves and boats, thirty seven thousand eight hundred and sixty four dollars and ninety-five cents; one attendant in the purifying-house of the gas-house, at one dollar and fifty cents per diem, five hundred and forty-seven dollars and fifty cents; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam-engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

New furniture for cadet's quarters, six thousand five hundred dollars.

For rebuilding gymnasium, twenty thousand dollars; for additional houses for instructors, four houses, twenty thousand dollars, which sums shall be made immediately available.

For the purchase of land to open King George's street to the Government property and expense of opening said street, three thousand five hundred dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the academy and school-ships, seventeen thousand dollars.

CONTINGENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank-books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors to the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam-machinery, steam-pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and

astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty two thousand dollars; stores in the department of steam-engineering, eight hundred dollars; materials for repairs in steam-machinery, one thousand dollars; in all, forty-one thousand eight hundred dollars.

Total for Naval Academy, two hundred and thirty-nine thousand and seventeen dollars and forty five cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate-general United States Navy, nineteen captains, thirty first lieutenants, and twelve second lieutenants, one hundred and eighty thousand four hundred and eighty dollars.

Pay of officers on the retired list: For two colonels, one lieutenant colonel, one quartermaster, two majors, one assistant quartermaster, five captains, three first lieutenants, and three second lieutenants, thirty-seven thousand seven hundred and fifty-five dollars.

Pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, three hundred and ninety-five thousand dollars.

Pay of retired enlisted men: For one sergeant major, one drum major, four first sergeants, four sergeants, one first class musician, two drummers, one fifer, and thirteen privates, eight thousand seven hundred and forty-three dollars and forty-four cents.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-five thousand dollars: *Provided*, that no other fund appropriated by this act shall be used for such purpose.

Transportation: For transportation of officers traveling under orders without troops, nine thousand dollars.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars.

Pay of civil force: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty two cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty seven dollars and twelve cents;

In the office of the Quartermaster: One chief clerk, at one thousand e hundred and forty dollars and eighty cents; one clerk, at one

thousand four hundred and ninety-six dollars and fifty two cents; one clerk, at one thousand two hundred and fifty seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one messenger, at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia: One clerk at one thousand four hundred dollars; in all, for pay of civil force, seventeen thousand four hundred and ninety-three dollars and thirty five cents. Total for pay of Marine Corps, six hundred and eighty-seven thousand four hundred and seventy-one dollars and seventy nine cents.

PROVISIONS, MARINE CORPS: For one thousand one hundred non-commissioned officers, musicians, and privates, and commutation of rations to eleven enlisted men, detailed as clerks and messengers, also for payment of board of enlisted men for recruiting parties, said payment for board not to exceed two thousand five hundred dollars, sixty-seven thousand dollars;

For amount required to be transferred to paymaster, Marine Corps, on account of rations to retired men, eighty-two dollars and twenty two cents each per annum, two thousand one hundred and thirty-seven dollars and seventy-two cents: in all sixty-nine thousand one hundred and thirty seven dollars and seventy-two cents.

CLOTHING, MARINE CORPS: For two thousand one hundred non-commissioned officers, musicians, and privates, seventy-five thousand dollars.

FOR FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, twenty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day, nine hundred and thirty-nine dollars; three mechanics, at two dollars and fifty cents each per day, two thousand three hundred and forty-seven dollars and fifty cents; for purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, knapsacks, canteens, musket-slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, and spare parts for repairing muskets, purchase of ammunition, purchase and repair of instruments for band, purchase of music and musical accessories, eight thousand seven hundred and thirteen dollars and fifty cents; in all, twelve thousands dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service, twelve thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; head-quarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed under the direction of the Quartermaster's Department, on the repair of barracks and other public buildings, ten thousand dollars, of which the sum of one thousand seven hundred and thirty-seven dollars is hereby made immediately available for repair of marine barracks, Brooklyn, New York.

For alteration and repair of colonel commandant's quarters, based upon survey dated September twelfth, eighteen hundred and eighty-nine, seven thousand five hundred and fifty dollars.

For rent of building used for manufacture of clothing, storing supplies and office of assistant quartermaster, Philadelphia, Pennsylvania, one thousand three hundred dollars.

For erection of marine barracks at Sitka, Alaska, six thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, three thousand five hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficent quarters possessed by the United States to accommodate them, four thousand five hundred dollars;

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's and quartermaster's offices, Washington, District of Columbia, and assistant quartermasters' offices, Philadelphia, Pennsylvania, and Washington, District of Columbia, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars;

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of type-writers, apprehension of deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, repair of gas and water fixtures, office and barracks furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing-boxes, wrapping-paper, oil-cloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safe, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand-grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking stoves, ranges, stoves where there are no grates, purchase of ice, towels, and soap for offices, postage stamps for foreign postage, purchase of newspapers and periodicals, improving parade-grounds, repair of pumps and wharves, laying drain and water pipes, introducing gas, and for gas and oil for marine barracks maintained at the various navy-yards and stations, water at the marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding and purchase of mattresses for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, twenty-seven thousand five hundred dollars; total for Marine Corps, nine hundred and thirty-eight thousand and eighty-three dollars and fifty-one cents.

APPROPRIATIONS FOR SUPPLIES.

For expenses of arranging, classifying, consolidating, and cataloguing supplies for the Navy, herein provided for and now on hand, ten thousand dollars; and all supplies purchased with moneys appropriated by this act shall be deemed to be purchased for the Navy and not for any bureau thereof, and these supplies, together with all supplies now on hand, shall be arranged, classified, consolidated, and catalogued, and issued for consumption or use, under such regulations as the Secretary may prescribe, without regard to the bureau for which they were purchased.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed by contract three sea-going coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about eight thousand five hundred tons, with a coal endurance of about five thousand knots on the total coal capacity at the most economical rate of speed, and to have the highest practicable speed for vessels of their class, to cost, exclusive of armament and of any premiums that may be paid for increased speed not exceeding four million dollars each; one protected cruiser of about seven thousand three hundred tons displacement, at a cost, exclusive of armament, not to exceed two million seven hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-one knots; one swift torpedo cruiser of about seven hundred and fifty tons displacement, at a cost, exclusive of armament, not to exceed three hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-three knots; and one torpedo boat, at a cost not to exceed one hundred and twenty-five thousand dollars; and in the construction of all said vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled, "An act to increase the Naval Establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture. And in the contracts for the construction of each of said vessels such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made subject to the terms of this bill, as in the discretion of the Secretary of the Navy may be deemed advisable. In making proposals for contracts for building the vessels authorized by this act it shall be required that one of such vessels shall be built on or near the coast of the Pacific Ocean or the waters connecting therewith, one of them on or near the coast of the Gulf of Mexico or the waters connecting therewith and two of them on or near the coast of the Atlantic Ocean or the waters connecting therewith, and at such places on or near such coasts or waters as the Secretary of the Navy shall approve: *Provided*, That if it shall appear to the satisfaction of the President

of the United States, from the biddings for said contracts, when the same are opened and examined by him, that said vessels can not be constructed at a fair cost on or near the coast of the Pacific Ocean or the Gulf of Mexico, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States; and if the Secretary of the Navy shall be unable to contract at reasonable prices for the construction of any of said vessels, then he may build such vessel or vessels in such navy-yards as he may designate.

UNDER THE BUREAU OF ORDNANCE.

ARMAMENT: Towards the armament and armor of domestic manufacture, for the vessels authorized by the act of March third, eighteen hundred and eighty-five; of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty six; of the unfinished monitors mentioned in section three of the same act; of the Miantonomoh; of the vessels authorized by the act approved March third, eighteen hundred and eighty seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight, and of those authorized by the act of March second, eighteen hundred and eighty-nine, and the armament with modern batteries of a gunnery training ship, two million five hundred thousand dollars.

GUN PLANT, NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: For completion of the gun factory, one hundred and forty five thousand dollars.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers and machinery, and for the payment of premiums for increased speed or horse-power under contracts now existing and to be made under this and other acts for increase of the Navy, five million four hundred and seventy-five thousand dollars.

Total for increase of the Navy, eight million one hundred and twenty thousand dollars.

Approved, June 30, 1890.

FIFTY-FIRST CONGRESS, SECOND SESSION—MARCH 2, 1891.

[PUBLIC—No. 110.]

An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-two, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety-two, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's secretary; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineers' force and for the Coast Survey Service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys at the pay prescribed by law; in all, seven million three hundred thousand dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy yards; expenses of courts-martial, prisoners and prisons and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attaches and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys, the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

TELEGRAPHIC CABLE SURVEYS: To enable the President to cause careful soundings to be made between San Fancisco, California, and Honolulu, in the Kingdom of the Hawaiian Islands, for the purpose of determining the practicability of the laying of a telegraphic cable between those points, twenty-five thousand dollars, or so much thereof as may be necessary, and the President is hereby authorized to direct the use of any vessel or vessels belonging to United States in making such survey.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT, BUREAU OF NAVIGATION: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges and medals for boys; school books for training ships; packing boxes and materials, and other contingent expenses and emergencies arizing under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, forty-five thousand dollars.

NAVAL TRAINING STATION, COASTER'S HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea-wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs and improvements on buildings, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live-stock, and mail wagon and attendance on same, eighteen thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTER'S HARBOR ISLAND: For maintenance of the Naval War College and Torpedo *school on Coaster's* Harbor Island, ten thousand dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, tools, and material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance and proving ground, one hundred and thirty thousand dollars; proof of naval armament, ten thousand dollars; expenses of target practice, fifteen thousand dollars; in all, one hundred and fifty-five thousand dollars.

NEW MAGAZINE: For new magazine for naval purposes at Sitka or Juneau, Alaska, ten thousand dollars.

CRANEY ISLAND MAGAZINE: For dredging on the channel to Craney Island Magazine, Norfolk Harbor, and for repairs to the wharves and buildings, fifteen thousand dollars.

PURCHASE OF FLOATING OR TUG CRANE: For the purchase of a floating or tug crane for use in the transportation of material at the New York navy yard, thirty thousand dollars.

RESERVE SUPPLY OF PROJECTILES: For reserve supply of projectiles for vessels in commission, thirty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

TORPEDO STATION, BUREAU OF ORDNANCE, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments and general torpedo outfits, sixty thousand dollars.

ARMOR TESTS: For the purpose of making ballistic tests and experiments in the development of American armor the Secretary of the Navy is hereby authorized to use one hundred thousand dollars or so much thereof as may be necessary out of the appropriation of one million dollars appropriated by joint resolution of September twenty-ninth, eighteen hundred and ninety, for the purchase of nickel ore or nickel matte.

NAVAL MILITIA: For arms and equipment connected therewith for naval militia of various States under such regulations as the Secretary of the Navy may prescribe, twenty-five thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire engines; gas and water pipes; gas and water tax at magazines; toll, ferriage, foreign postage, and telegrams to and from the Bureau, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars.

Navy yard, Boston, Massachusetts: For one writer, when required, five hundred dollars.

Navy yard, New York: For one clerk, at one thousand four hundred dollars.

Navy yard, Washington, District of Columbia: For one clerk at one thousand six hundred dollars; one clerk, at twelve hundred dol

lars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand eight hundred dollars; three draughtsmen, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars;

Navy yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving-ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars.

In all, twenty-six thousand eight hundred and twenty-four dollars, and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other canvas work; water for steam launches; stationery for commanding and navigating officers of ships, equipment officers, on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely: signals lights, lanterns, rockets, running lights, compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and for introducing and maintaining electric lights and interior signal communications on board vessels of war, nine hundred and sixty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk at one thousand dollars.

Navy yard, Boston, Massachusetts: For one superintendent of rope *walk, at* one thousand eight hundred and seventy-five dollars; one *clerk, at one thousand* four hundred dollars; one clerk, at one thou-

sand three hundred dollars; one writer, at nine hundred and fifty dollars;

Navy yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars.

Navy yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each:

Navy yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars;

Navy yard, Washington, District of Columbia: For one clerk, at one thousand dollars.

In all, nineteen thousand and twenty-five dollars; and no other fund appropriated by this act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing advertising, telegraphing, books and models; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, fifteen thousand dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in the navy yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; for incidental labor at navy yards; water-tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy yards; awnings and packing boxes, and advertising for yard, dock and other purposes, two hundred and thirty thousand dollars.

PUBLIC WORKS.—NAVY YARDS AND STATIONS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: For constructing reservoir and perfecting water system, twenty-two thousand two hundred and eighty-seven dollars.

NAVY YARD, BOSTON, MASSACHUSETTS: For constructing steel shears, twelve thousand dollars; extensions and renewals in water-pipe system, and repairs of wharves, five thousand dollars.

NAVY YARD, BROOKLYN, NEW YORK: For quay wall on cob dock, one hundred thousand dollars; paving and sewers around new dry-dock, twenty-one thousand eight hundred and thirty-five dollars; for one crane, five thousand dollars.

NAVY YARD, LEAGUE ISLAND, PENNSYLVANIA: For west dry-dock

pier, eighty-seven thousand four hundred and forty-one dollars and sixty-two cents; for rip rap for protection wall, nine thousand one hundred and fifty dollars; for continuation of light retaining wall, twenty-five thousand dollars; for sewers and flushing tank, five thousand six hundred and eighty-five dollars.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: For extension of railroad tracks, three thousand five hundred and sixty-seven dollars and fifty cents; for sanitary improvements for Smith quadrangle, five thousand dollars; converting paint shop into two officers' quarters, eight thousand two hundred and twenty dollars and fifty-nine cents, the total cost not to exceed the sum hereby appropriated; for dredging and filling in, five thousand dollars.

NAVY YARD, NORFOLK, VIRGINIA: For extending machine shop for steam engineering, four thousand one hundred and sixty-six dollars; for extension of quay wall, twenty-five thousand dollars.

COALING STATION, PORT ROYAL, SOUTH CAROLINA: To continue the construction of a timber dry-dock at the coaling station at Port Royal, South Carolina, and for the work provided for by the naval appropriation act, approved June thirtieth, eighteen hundred and ninety, one hundred and fifty thousand dollars.

DRY-DOCK ON PUGET SOUND: That the Secretary of the Navy be, and he hereby is, authorized to acquire for the purposes of a dry-dock a tract of land not exceeding two hundred acres in extent on Puget Sound, at Port Orchard in the county of Kitsap, State of Washington, at such point as he may select, and a sum not exceeding ten thousand dollars to pay for said land is hereby appropriated; and the Secretary of the Navy is authorized to have constructed by contract, after public advertisement upon said land so selected, for naval and commercial purposes, a dry-dock, to be not less than six hundred feet in length, not less than seventy feet in width at bottom of entrance, and capable of admitting vessels drawing thirty feet of water; the cost of said dry-dock not to exceed seven hundred thousand dollars, of which the sum of two hundred thousand dollars is hereby appropriated for use during the fiscal year ending June thirtieth, eighteen hundred and ninety-two.

And the Secretary of the Navy be, and he is hereby, empowered and directed to purchase said tract of land at such price as he may deem reasonable; and where he is unable to purchase the same at such price or where the owner or owners of any of said tract of land may be unable for any reason to vest by voluntary conveyance a complete and valid title to any part of said tract of land hereinbefore described, then the same shall be acquired by condemnation, agreeably to the act of Congress of August first, eighteen hundred and eighty-eight, relative to such condemnations, and to the laws of the State of Washington for the condemnation of land for public uses in that State: *Provided*, That no money to be appropriated for said dry dock shall be available until a valid title to the land constituting the site of the same is vested in the United States, nor until the State of Washington shall cede to the United States exclusive jurisdiction over said tract of land during the time the United States may be or remain the owner thereof for all purposes except the administration of the criminal laws of said State and the service of any civil process thereon.

NAVY YARD, MARE ISLAND, CALIFORNIA: For widening gauge of railroad track, six thousand five hundred dollars; for roads, five thousand dollars; extension of quay wall, twenty-five thousand dol-

lars; for removal and reconstruction of return wall, sectional dry-dock basin, eleven thousand two hundred and eighty-five dollars and twenty-four cents; one twelve-ton crane, four thousand dollars.

LAUNCHING WAYS AND SLIPS AT NEW YORK AND NORFOLK NAVY YARDS: For launching ways and granite slips, thirteen thousand dollars to be made immediately available.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATION: For repairs and preservation at navy yards and stations, three hundred thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy yards and stations, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one foreman mason, when required, at four dollars and fifty cents per diem, one thousand four hundred and thirteen dollars;

Navy Yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem, one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars;

Navy Yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draughtsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays;

Naval Station, Sackett's Harbor, New York: For one ship-keeper, at three hundred and sixty-six dollars per annum;

Navy Yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem;

Navy Yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician to care for and be in charge of electric plant for electric lighting and fire alarm, one thousand dollars;

Navy Yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two

dollars per diem each, one pilot, at two dollars and twenty-six cents per diem;

Navy yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays;

Navy yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem, one draughtsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician to care for and be in charge of electric plant for electric lighting, one thousand two hundred dollars;

Naval station, Key West, Florida: For one messenger at six hundred dollars;

In all, fifty-nine thousand one hundred and ninety-seven dollars and thirty-seven cents, and no other fund appropriated by this act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; four laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and gas, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, six thousand dollars, music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty thousand dollars; total for Naval Home, seventy-one thousand two hundred and fifteen dollars, which sum shall be paid out of the income from the naval pension fund.

NEW NAVAL OBSERVATORY.

For bookcases, railing, shelving, standards, etc., eight thousand four hundred and sixty-four dollars; for transporting instruments, apparatus, piers, books, and other articles from the old to the new Naval Observatory, two thousand seven hundred and sixty dollars; for repairing and remounting great equatorial (twenty-six inch) and its accessories, great equatorial building, including observers' elevating platform, thirty-two thousand and six hundred dollars; for repairing *and remounting* meridian circle and its accessories, east transit build-

ing, six thousand one hundred and sixty dollars; for repairing and remounting transit instrument and its accessories, south transit rooms, six hundred dollars; for repairing and remounting primevertical transit instrument, two thousand five hundred and ten dollars; for furniture and gas or electric fixtures for new naval observatory, for main building, great equatorial building, clock buildings, four transit houses, boiler house, and magnetic building, thirteen thousand six hundred and twenty-five dollars; for inclosing grounds, three thousand and sixty-six dollars; for the construction of well tank, cistern, and for purchasing and placing pump, boiler, ejectors, and pipes for water supply, ten thousand nine hundred and twenty-five dollars; for installation of electric plant, eighteen thousand one hundred and seventy-nine dollars; for one standard clock, five hundred and fifty dollars; for clock room fittings, including clocks, reflectors, piers, instruments, and all accessories, complete, five thousand two hundred and fifty dollars; for official residence of the superintendent, twenty thousand dollars; for grading, macadamizing, and guttering roads around new naval observatory building, twelve thousand dollars.

Total for Naval Observatory, one hundred thirty-six thousand six hundred and eighty-nine dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy yards, naval laboratory, museum of hygiene, and Naval Academy, sixty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospital at the various navy yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

MEDICAL DIRECTOR'S RESIDENCE, NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: For construction of a residence for the medical director in charge of naval hospital, Mare Island, California, in full for all expenses of erecting and making necessary improvements about the grounds, fifteen thousand five hundred dollars.

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, BUREAU OF PROVISIONS AND CLOTHING: For provisions and commuted rations for the seamen and marines, commuted rations for officers and naval cadets on sea duty, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, one million dollars; for water for drinking and cooking purposes on board ships, ten thousand dollars; labor in general store-houses and paymasters' offices in navy yards, ninety thousand dollars; in all, one million one hundred thousand dollars; and all supplies hereafter purchased with moneys appropriated for any branch of the naval establishment shall be purchased, classified, and issued for consumption or use subject to the provisions contained in the act making appropriations for the naval service, approved June thirtieth, eighteen hundred and ninety, in reference to supplies therein provided for and on hand.

CONTINGENT, BUREAU OF PROVISIONS AND CLOTHING: For freight and express charges; candles, fuel, books and blanks, stationery, advertising; furniture for general storehouses and pay offices in navy yards; expenses of naval clothing factory and machinery for same; postage, telegrams, telephones, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice and other necessary incidental expenses, forty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF PROVISIONS AND CLOTHING: Navy yard Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars;

Navy yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars.

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Navy yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per-diem each; one superintendent of coffee *mills, at three* dollars per-diem; one box maker, at three dollars per-*diem; one engineer tender*, at three dollars and twenty six cents per

diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem;

Navy yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars;

Navy yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars;

Torpedo Station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars;

Navy yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Navy yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

In all, sixty-seven thousand five hundred and eighty-one dollars and nine cents; and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery for draughting-room, one million dollars: *Provided*

this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided, further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *And provided further*, The Secretary of the Navy shall incorporate in his next annual report a statement showing the name and tonnage of each vessel that has been completed since March four, eighteen hundred and eighty-five, when authorized to be built, when begun, and when commissioned, its entire cost of construction, including armor, armament, equipment and premiums and its costs for repairs since completion; and, also, a statement showing the name and tonnage of each vessel not completed, when authorized to be built, when begun, the probable date of its completion, the amount expended upon its construction, including armor, armament, and equipment and the estimated amount required for its completion, including armor, armament, equipment, and premiums.

FOR IMPROVEMENT OF PLANT AT NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard Boston, Massachusetts, For one clerk to naval constructor, at one thousand four hundred dollars.

Navy yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents, and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of *and small repairs* to machinery and boilers in vessels in ordinary,

receiving and training vessels, repair and care of machinery of yard-tugs and launches, four hundred and fifty thousand dollars;

For purchase, handling, and preservation of all materials and stores, purchase fitting, repair, and preservation of machinery and tools in navy yards and stations, and running yard-engines, two hundred and forty thousand dollars;

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars;

In all, seven hundred thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers and machinery of wooden ships where the estimated cost of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of the engines, boilers and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the draughting room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy yard Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars;

Navy yard Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger, at six hundred dollars;

Navy yard League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars;

Navy yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars;

In all, eleven thousand nine hundred dollars; and no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks of the Superintendent, one at one thousand two hundred dollars, and one at one thousand dollars; one clerk to commandant of

this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided, further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *And provided further*, The Secretary of the Navy shall incorporate in his next annual report a statement showing the name and tonnage of each vessel that has been completed since March four, eighteen hundred and eighty-five, when authorized to be built, when begun, and when commissioned, its entire cost of construction, including armor, armament, equipment and premiums and its costs for repairs since completion; and, also, a statement showing the name and tonnage of each vessel not completed, when authorized to be built, when begun, the probable date of its completion, the amount expended upon its construction, including armor, armament, and equipment and the estimated amount required for its completion, including armor, armament, equipment, and premiums.

FOR IMPROVEMENT OF PLANT AT NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard Boston, Massachusetts, For one clerk to naval constructor, at one thousand four hundred dollars.

Navy yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents, and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary,

ments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars;

In all, forty-one thousand eight hundred dollars.

For repairs to Santeé's wharf, four thousand dollars, which sum shall be immediately available.

For continuing the grading and improvement of the property condemned under act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water front thereof, fifteen thousand dollars, which sum shall be immediately available.

Total for the Naval Academy, two hundred and thirteen thousand and eighty-two dollars and forty-five cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate general United States Navy, nineteen captains, thirty first lieutenants and twelve second lieutenants, one hundred and eighty-one thousand three hundred dollars;

Pay of officers on the retired list: For three colonels, two lieutenant colonels, one quartermaster, one major, one assistant quartermaster, six captains, three first lieutenants, and three second lieutenants, forty-three thousand six hundred and twelve dollars and fifty cents;

Pay of noncommissioned officers, musicians, and privates: For one sergeant major, one quartermaster sergeant, one leader of the band, one drum major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers, and fifers, and one thousand six hundred privates, three hundred and ninety-five thousand dollars;

Pay of retired enlisted men: For one sergeant major, one drum major, four first sergeants, five sergeants, one first-class musician, two drummers, one fifer, and eighteen privates, ten thousand eight hundred and eighty-eight dollars and sixty-eight cents;

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-five thousand dollars: *Provided*, That no other fund appropriated by this act shall be used for such purpose;

Transportation: For transportation of officers traveling under orders without troops, nine thousand dollars;

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars;

Pay of civil force: In the office of the colonel commandant:

chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety six dollars and fifty-two cents; one clerk at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one messenger, at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia: One clerk, at one thousand four hundred dollars;

In all, for pay of civil force, seventeen thousand four hundred and ninety five dollars and ten cents;

Total for pay of Marine Corps, six hundred and ninety-six thousand two hundred and ninety-six dollars and twenty eight cents.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned officers, musicians, and privates, and commutation of rations to eleven enlisted men, detailed as clerks and messengers, also for payment of board and lodging of enlisted men for recruiting parties, said payment for board not to exceed two thousand five hundred dollars, sixty-seven thousand dollars; and no law shall be construed to entitle enlisted marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed enlisted men in the army.

For amount required to be transferred to paymaster Marine Corps, on account of rations to retired men, eighty-two dollars and thirteen cents each per annum, two thousand two hundred and ninety-nine dollars and sixty-four cents;

In all, sixty-nine thousand two hundred and ninety-nine dollars and sixty-four cents.

CLOTHING, MARINE CORPS: For two thousand one hundred noncommissioned officers, musicians, and privates, seventy-five thousand dollars.

FOR FUEL MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, twenty-three thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, and spare parts for repairing muskets, purchase *of ammunition*, purchase and repair of instruments for band, purchase

of music and musical accessories, eight thousand seven hundred and thirteen dollars and fifty cents;

In all, twelve thousand and ten dollars and fifty cents.

For purchase of one Gatling revolving gun complete and one Hotchkiss revolving gun complete, of service type and caliber, five thousand dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service, fifteen thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed under the direction of the Quartermaster's Department, on the repair of barracks and other public buildings, ten thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, one thou— three hundred dollars.

For alterations, and repair of marine barracks at Mare Island, California, three thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, three thousand five hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars;

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's and quartermaster's offices, Washington, District of Columbia, and assistant quartermasters' offices, Philadelphia, Pennsylvania, and Washington, District of Columbia, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars;

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty four dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, repair of gas and water fixtures, office and barracks furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing boxes, wrapping paper, oil cloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates, purchase of ice, towels, and s

postage stamps for foreign postage, purchase of newspapers and periodicals, improving parade grounds, repair of pumps and wharves, laying drain and water pipes, introducing gas, and for gas and oil for marine barracks maintained at the various navy yards and stations, water at the marine barracks, Boston Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding and purchase of mattresses for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, twenty-seven thousand five hundred dollars.

For introducing electric light at Marine Barracks and naval prison at Mare Island, California, three thousand dollars.

Total for Marine Corps, nine hundred and fifty thousand five hundred and thirty dollars and forty-two cents.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval establishment of the United States the President is hereby authorized to have constructed by contract one protected cruiser of about seven thousand three hundred tons displacement, at a cost, exclusive of armament, not to exceed two million seven hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-one knots, and in the construction of said vessel all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to materials for said vessel, its engines, boilers, and machinery, the contract under which it is built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contract, shall be observed and followed, and said vessel shall be built in compliance with the terms of said act, save that in all its parts said vessel shall be of domestic manufacture. And in the contract for the construction thereof such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made subject to the terms of this bill, as in the discretion of the Secretary of the Navy may be deemed advisable; and if the Secretary of the Navy shall be unable to contract at reasonable prices for the construction of said vessel, then he may build the same in such navy yard as he may designate.

And so much of the act approved March second, eighteen hundred and eighty-nine, as authorized the construction by contract of one armored steel cruising monitor of not less than three thousand tons displacement, at a cost not exceeding one million five hundred thousand dollars exclusive of armament and any premium for increased speed, is hereby repealed.

UNDER THE BUREAU OF ORDNANCE.

ARMAMENT: Towards the armament and armor of domestic manufacture, for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by section three of the act approved March third, eighteen hundred and eighty-seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty eight; of the vessels authorized

by the act of March second, eighteen hundred and eighty-nine; of those authorized by the act of June thirtieth, eighteen hundred and ninety, and this act, four million dollars.

UNDER THE BUREAU OF EQUIPMENT.

EQUIPMENT OF NEW SHIPS OF THE NAVY: Supplying anchors, chain cables, galleys and fixtures, standing and running rigging, sails, awnings, and other canvas work, and other articles comprising the equipment outfit of ships, according to their type, namely: Protected cruisers numbered seven, eight, nine, ten, eleven, and twelve; the Monterey; gunboats numbered five and six; the harbor-defense vessel known as the Ammen ram; ironclads Puritan, Terror, Amphitrite, and Monadnock; the steel practice cruiser provided for by the act of September seventh, eighteen hundred and eighty-eight, and the torpedo cruiser and torpedo boat authorized by the act of June thirtieth, eighteen hundred and ninety, four hundred thousand dollars.

UNDER THE BUREAU OF YARDS AND DOCKS.

TRAVELING CRANES: For two traveling cranes of forty tons capacity, for dry-docks at New York and Norfolk, one hundred thousand dollars, to be made immediately available.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse power under contracts now existing and to be made under this and other acts for increase of the Navy, twelve million one hundred and seven thousand dollars.

Total for increase of the Navy, sixteen million six hundred and seven thousand dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject matter of the same shall have been submitted to public competition by the Department by advertisement.

Approved, March 2, 1891.

postage stamps for foreign postage, purchase of newspapers and periodicals, improving parade grounds, repair of pumps and wharves, laying drain and water pipes, introducing gas, and for gas and oil for marine barracks maintained at the various navy yards and stations, water at the marine barracks, Boston Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding and purchase of mattresses for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, twenty-seven thousand five hundred dollars.

For introducing electric light at Marine Barracks and naval prison at Mare Island, California, three thousand dollars.

Total for Marine Corps, nine hundred and fifty thousand five hundred and thirty dollars and forty-two cents.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval establishment of the United States the President is hereby authorized to have constructed by contract one protected cruiser of about seven thousand three hundred tons displacement, at a cost, exclusive of armament, not to exceed two million seven hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-one knots, and in the construction of said vessel all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to materials for said vessel, its engines, boilers, and machinery, the contract under which it is built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contract, shall be observed and followed, and said vessel shall be built in compliance with the terms of said act, save that in all its parts said vessel shall be of domestic manufacture. And in the contract for the construction thereof such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made subject to the terms of this bill, as in the discretion of the Secretary of the Navy may be deemed advisable; and if the Secretary of the Navy shall be unable to contract at reasonable prices for the construction of said vessel, then he may build the same in such navy yard as he may designate.

And so much of the act approved March second, eighteen hundred and eighty-nine, as authorized the construction by contract of one armored steel cruising monitor of not less than three thousand tons displacement, at a cost not exceeding one million five hundred thousand dollars exclusive of armament and any premium for increased speed, is hereby repealed.

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by the act of March second, eighteen hundred and eighty-nine; of those authorized by the act of June thirtieth, eighteen hundred and ninety, and this act, four million dollars.

UNDER THE BUREAU OF EQUIPMENT.

EQUIPMENT OF NEW SHIPS OF THE NAVY: Supplying anchors, chain cables, galleys and fixtures, standing and running rigging, sails, awnings, and other canvas work, and other articles comprising the equipment outfit of ships, according to their type, namely: Protected cruisers numbered seven, eight, nine, ten, eleven, and twelve; the Monterey; gunboats numbered five and six; the harbor-defense vessel known as the Ammen ram; ironclads Puritan, Terror, Amphitrite, and Monadnock; the steel practice cruiser provided for by the act of September seventh, eighteen hundred and eighty-eight, and the torpedo cruiser and torpedo boat authorized by the act of June thirtieth, eighteen hundred and ninety, four hundred thousand dollars.

UNDER THE BUREAU OF YARDS AND DOCKS.

TRAVELING CRANES: For two traveling cranes of forty tons capacity, for dry-docks at New York and Norfolk, one hundred thousand dollars, to be made immediately available.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse power under contracts now existing and to be made under this and other acts for increase of the Navy, twelve million one hundred and seven thousand dollars.

Total for increase of the Navy, sixteen million six hundred and seven thousand dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject matter of the same shall have been submitted to public competition by the Department by advertisement.

Approved, March 2, 1891.

FIFTY-SECOND CONGRESS, FIRST SESSION—JULY 19, 1892.

An act making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-three, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the Naval Service of the Government for the year ending June thirtieth, eighteen hundred and ninety-three, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men re-enlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force, for the Coast Survey Service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law; in all, seven million three hundred thousand dollars.

Every naval cadet or cadet engineer who has heretofore graduated or may hereafter graduate from the Naval Academy, and who has been or may hereafter be commissioned within six months after such graduation an officer in the Navy or Marine Corps of the United States, under the laws appointing such graduates to the Navy or Marine Corps, shall be allowed the pay of the grade in which he may be so commissioned from the time fixed as the date of the completion of the academic course of six years by the members of his class to the date of his qualification and acceptance of his commission.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners, and prisons and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery, and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prin t u- scripts, and periodicals; ferriage, tolls, and express fees; c oi

commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage, recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys, the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT BUREAU OF NAVIGATION: For expenses of recruiting for the Naval Service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the Naval Service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, forty thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements on buildings, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon and attendance on same, eighteen thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island and care of grounds for same, eight *thousand* dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, tools, and material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance and proving ground, one hundred and thirty thousand dollars; proof of naval armament, ten thousand dollars; expenses of target practice, fifteen thousand dollars;

Maintenance of new proving ground, five thousand dollars; boiler and engine for new proving ground, fifteen thousand dollars; construction of a telegraph line from the navy-yard, Washington, District of Columbia, to the naval ordnance proving ground at Indian Head, Maryland, and instruments for same, five thousand dollars; in all, one hundred and eighty thousand dollars.

ORDNANCE EXPERIMENTS AND TESTS: For experimentation, making tests and development of torpedoes, projectiles, submarine guns, and other instruments of submarine warfare, and American armor, and for the use of nickel in armor, the Secretary of the Navy is hereby authorized to use one hundred thousand dollars, or so much thereof as may be necessary, to be taken from the appropriation of one million dollars appropriated by joint resolution of September twenty-ninth, eighteen hundred and ninety, for the purchase of nickel ore or nickel matte.

To enable the Secretary of the Navy in his discretion to manufacture at the Washington navy-yard, after the approval of designs to be furnished by the inventor, one eight inch, fifty caliber, high-power steel rifle, wire-wrapped or built up and hooped, chambered to load with a primary and main charge insuring a progressive burning of the charge, and firing a high explosive projectile with great velocity, and to test the same; and for such purpose the sum of fifty thousand dollars which was appropriated for testing three or more rapid-fire, rapid twist one pounder, breech-loading guns and an equal number of the same type of three pounder guns and an equal number of the same type of thirty-two pounder guns, in the act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and for other purposes, may be used; the Chief of Ordnance of the Navy Department, under the inventor's designs, shall prepare necessary computations, plans, specifications, and working drawings of said gun and its ammunition, the expenses of which shall be paid out of the fifty thousand dollars herein provided for, and no part of such money shall be expended until the owners of the patents for said eight inch rifle and its ammunition shall contract, at such price as shall be satisfactory to the Secretary of the Navy, for the exclusive right on the part of the Government to manufacture by contract or otherwise such gun and ammunition without the payment of any royalty on the same, the option of the Government to make such contract to be exercised within a period to be fixed by said contract.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

TORPEDO STATION, BUREAU OF ORDNANCE, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings and wharves; boats, instruction, instruments, tools, furniture, experiments and general torpedo outfits, sixty thousand dollars.

PUBLIC WORKS—NAVY-YARDS AND STATIONS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For coal pocket for the storage of coal, six thousand five hundred dollars; for construction of boiler house for buildings numbered forty-five and forty-six, seven thousand dollars; in all, thirteen thousand five hundred dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For quay wall extension of cob dock, thirty thousand dollars; for opening a gate into the navy-yard at Sand's Street, five thousand dollars; in all, thirty-five thousand dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For extension of protection wall, twenty thousand dollars; for extension of light retaining wall, fifteen thousand dollars; for ripraps, Broad Street wharf, six thousand five hundred dollars; for branch sewer, two thousand one hundred dollars; in all, forty-three thousand six hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For repair of breech-mechanism shop, fifteen thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: For floating gate for granite dock, twenty-five thousand dollars; for coal shed, six thousand five hundred dollars; in all, thirty-one thousand five hundred dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For the completion of dry dock at Port Royal, South Carolina, change of location of naval wharf, erection of office building, water-closet, pay of superintendents and inspectors, necessary dredging, incidental expenses, unforeseen emergencies and contingent expenses, and for protection to dry-dock entrance and wharf, one hundred and fifty thousand dollars; for officers' quarters, five thousand dollars; telephone line, one thousand five hundred dollars; in all, one hundred and fifty-six thousand five hundred dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For one twelve-ton pillar wharf-crane, three thousand eight hundred dollars; for locomotive for yard use, four thousand dollars; for replanking wharves, three thousand dollars; for oil house for general storekeeper, eight thousand dollars; in all, eighteen thousand eight hundred dollars.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATIONS: For repairs and preservation at navy yards and stations, two hundred and seventy-five thousand dollars.

Total for public works for navy yards and stations, five hundred and eighty-eight thousand nine hundred dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy yards and stations, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS; Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one foreman mason, when required, at four dollars and fifty cents per diem, one thousand four hundred and thirteen dollars; in all, seven thousand two hundred and ninety-eight dollars.

Navy Yard, Boston Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; *one mail mes*senger, at two dollars per diem, including Sundays; one

writer at nine hundred dollars; in all, five thousand three hundred and eighty-three dollars and seventy-six cents.

Navy Yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, to care for and be in charge of electric plant for electric lighting, one thousand two hundred dollars; in all, sixteen thousand five hundred and forty-one dollars and fifty cents.

Naval station, Sacketts Harbor, New York: For one shipkeeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and seventy-eight dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician to care for and be in charge of electric plant for electric lighting and fire alarm, one thousand dollars; in all, four thousand two hundred and seventy-eight dollars.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, to care for and be in charge of electric plant for electric lighting, one thousand two hundred dollars; one mail messenger at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty-eight dollars and sixty-three cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician to care for and be in charge of electric plant for electric lighting, one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents.

Naval station, Key West, Florida: For one messenger, at six hundred dollars.

In all, sixty-one thousand four hundred and ninety-nine dollars and

four cents; and no other fund appropriated by this act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; four laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable keeper and driver at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and gas, two thousand four hundred dollars; cemetery, burial expenses and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, five thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty thousand dollars; total for Naval Home, seventy thousand two hundred and fifteen dollars; which sum shall be paid out of the income from the naval pension fund.

NEW NAVAL OBSERVATORY.

For approaches and grounds: Observatory lane: Grading, filling, building culvert and retaining wall, and laying roadbed from Tennallytown road to new Naval Observatory, two thousand five hundred dollars; for asphalting road and footways, one thousand five hundred dollars; in all, four thousand dollars.

New meridian circle: For one six-inch meridian circle, with mounting collimators, reflection apparatus, reversing carriage, personal equation apparatus, illumination, and all accessories, complete, ten thousand dollars.

Removing Magnetic Observatory: For removal of magnetic buildings and instruments from the old to the new observatory, and construction of new basements, three thousand five hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeon's necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several navy hospitals, navy-yards, naval laboratory, museum of hygiene, and Naval Academy, fifty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, *expressage on* medical stores, tolls, ferriages, transportation of sick *and insane patients;* care, transportation and burial of the dead; ad*vertising; telegraphing;* rent of telephones; purchase of books and

stationery; binding of unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

Bureau of Provisions and Clothing, hereafter to be called

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For provisions and commuted rations for the seamen and marines, commuted rations for officers and naval cadets on sea duty, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, subsistence of officers and men when unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given) and fresh water, not to exceed ten thousand dollars, for drinking and cooking purposes, one million dollars; labor in general storehouses and paymasters' offices in navy-yards, ninety thousand dollars; in all, one million and ninety thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges; candles, fuel, books and blanks, stationery, advertising; furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same; postage, telegrams, telephones, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other incidental expenses, forty thousand dollars. And section thirty-seven hundred and eighteen of the Revised Statutes of the United States as amended by the act of June thirtieth, eighteen hundred and ninety, is hereby amended so as to read "twice a week for two weeks or longer, not to exceed four weeks, or once a week for four weeks, in the discretion of the Secretary of the Navy."

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant book-keeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars;

Navy yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-*five cents;*

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engineer tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem;

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper at seven hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general storehouse: one bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars;

Torpedo Station, Newport, Rhode Island: In general storehouse: One clerk at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk at one thousand dollars; one bill clerk at one thousand dollars; one assistant clerk, at one thousand dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers at one thousand and seventeen dollars and twenty five cents each; one bill clerk at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars;

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents;

In all, sixty-seven thousand five hundred and thirty-two dollars and three cents; and no other fund appropriated by this act shall be used in payment for such service. And all laws now in force relating to *the* Bureau of Provisions and Clothing shall now and hereafter apply *to the Bureau of Supplies* and Accounts.

And the provisions of section two of the naval appropriation act approved March third, eighteen hundred and eighty-three, shall be so modified that hereafter orders of the Secretary of the Navy employing officers on shore duty shall state that such employment is required by the public interests, but need not state the duration of such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, nine hundred and fifty thousand dollar, four thousand dollars of which may be used to purchase the right to manufacture and use the "Wellman improved bushings for sheaves," patented under letters patent numbered three hundred and three thousand seven hundred and seventy of August nineteenth, eighteen hundred and eighty-four: *Provided*, That no part of this sum shall be applied to repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ships Hartford and Kearsarge, or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, League Island, Pennsylvania: for one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents [illegible] nineteen thousand nine hundred and seventy two dollars and cents; and no other fund appropriated by this act shall [illegible] ment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred thousand dollars.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars.

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars: in all, six hundred and fifty thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ships Hartford and Kearsage, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

Navy-yard, League Island, Pennsylvania: For necessary tools and machinery to put the yard in condition to do ordinary repair work, twenty-five thousand dollars.

CIVIL ESTABLISHMENT. BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger at six hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department at one thousand four hundred dollars; writer, at one thousand dollars; messenger at six hundred dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger at six hundred dollars;

Navy-yard, Pensacola, Florida; For writer, at one thousand dollars;

Navy-yard, Mare Island, California; For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars;

In all, eleven thousand nine hundred dollars; and no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish and one of English studies, history, and *law, at two thousand* two hundred dollars each; five assistant profes-

sors, namely, one of English studies, history and law, three of French, and one of drawing, at one thousand eight hundred dollars each, one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks, to the Superintendent, one at one thousand two hundred dollars, and one at one thousand dollars, respectively; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars, one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars, and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and thirty-three dollars and fifty cents; one cockswain, at four hundred and sixty nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at five hundred and twenty-eight dollars; twenty-one first class musicians, at three hundred and forty eight dollars each; seven second-class musicians, at three hundred dollars each; pay of organist at chapel of Naval Academy, three hundred dollars:

In all, fifty-two thousand three hundred and seventy-one dollars.

For special course of study and training of naval cadets as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem;

In all forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school ships, seventeen thousand dollars.

CONTINGENT AND MISCELLANEOUS EXPENSES NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank books, *models, maps,* and text books, for use of instructors *

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred thousand dollars.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars.

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars: in all, six hundred and fifty thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ships Hartford and Kearsage, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

Navy-yard, League Island, Pennsylvania: For necessary tools and machinery to put the yard in condition to do ordinary repair work, twenty-five thousand dollars.

CIVIL ESTABLISHMENT. BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger at six hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department at one thousand four hundred dollars; writer, at one thousand dollars; messenger at six hundred dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger at six hundred dollars;

Navy-yard, Pensacola, Florida; For writer, at one thousand dollars;

Navy-yard, Mare Island, California; For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars;

In all, eleven thousand nine hundred dollars; and no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish and one of English studies, history, and *law, at two thousand* two hundred dollars each; five assistant profes-

[illegible] of English studies history and law three of [illegible] at one thousand eight hundred dollars [illegible] one thousand five hundred dollars and [illegible] dollars each one [illegible] hundred dollars [illegible]

[illegible]

[illegible] lighting the [illegible]

[illegible]

CONTINGENT [illegible]

Purchase of books [illegible]

blank books, models [illegible]

thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem, for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of team, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars.

In all, forty one thousand eight hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate-general, United States Navy, nineteen captains, thirty first lieutenants, and twelve second lieutenants, one hundred and eighty-one thousand three hundred dollars.

Pay of officers on the retired list: For three colonels, three lieutenant-colonels, one quartermaster, one assistant quartermaster, six captains, three first lieutenants, and three second lieutenants, forty thousand nine hundred and eighty-seven dollars and fifty cents.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, three hundred and ninety thousand dollars.

Pay of retired enlisted men: For one sergeant-major, one drum-major, two first class musicians, seven first sergeants, eleven sergeants, one corporal, two drummers, one fifer, and thirty-four privates, nineteen thousand seven hundred and sixty-dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-five thousand dollars: *Provided*, That no other fund appropriated by this act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, nine thousand dollars.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars.

Pay to civil Force: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the paymaster: One chief clerk, at one thousand six *hundred dollars; one* clerk, at one thousand four hundred and ninety-

six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; One clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the Office of the assistant quartermaster, Philadelphia, Pennsylvania: one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one messenger, at one dollar and seventy-five cents per diem;

In the Office of the assistant quartermaster, Washington, District of Columbia: one clerk, at one thousand four hundred dollars; in all for pay to civil force, seventeen thousand four hundred and ninety-three dollars and thirty-five cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned Officers, musicians, and privates, and for commutation for rations to eleven enlisted men, detailed as clerks and messengers, also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, sixty-seven thousand dollars, and no law shall be construed to entitle enlisted marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

For amount required to be transferred to paymaster Marine Corps, on account of rations to retired men, eighty-two dollars and thirteen cents each per annum, four thousand one hundred and eighty-eight dollars and sixty-three cents.

CLOTHING, MARINE CORPS: For two thousand one hundred noncommissioned officers, musicians, and privates, seventy-five thousand dollars.

FOR FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each, per day; in all, three thousand two hundred and eighty-six dollars and fifty cents; for purchase of military equipments, such as catridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, and spare parts for repairing muskets, purchase of ammunition, purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, and good conduct badges, ten thousand dollars; in all, thirteen thousand two hundred and eighty-six dollars and fifty cents.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service, fourteen thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire: Boston, Massachusetts; Brooklin, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia: Pensacola, Florida; Mare

Island, California; Port Royal, South Carolina; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, one thousand three hundred dollars.

For erection of a building for marine barracks at naval station, Port Royal, South Carolina; appropriation to be immediately available, three thousand dollars; and no part of this appropriation shall be used until a contract shall have been made for the completion of said barracks within the same.

For sanitary improvements at the Marine barracks, navy-yard, Mare Island, California, five thousand two hundred and twelve dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States, to accommodate them, four thousand five hundred dollars;

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars;

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars;

In all, six thousand six hundred and twenty-four dollars;

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates, purchase of ice, towles and soap for offices, postage stamps for foreign postage, purchase of books, newspapers and periodicals, improving parade grounds, repair of pumps and wharves, laying drain and water pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights, straw for bedding, mattresses, mattress covers, pillows, wire bunk bottoms for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; *in all, twenty-seven* thousand five hundred dollars.

INTERNATIONAL NAVAL RENDEZVOUS AND REVIEW: Toward the expenses of the international naval rendezvous and review, as provided in section eight of the act creating the Worlds Columbian Exposition, including pay and drill of seamen temporarily enlisted and used for said review in addition to the regular number of enlisted men and including the construction by the Secretary of the Navy of reproductions in Spain of two of the caravels, the Pinta and the Nina, which composed the fleet of Columbus on his voyage of discovery, to be taken after the review to Chicago as a part of the Government exhibit, fifty thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed, by contract, one armored cruiser of about eight thousand tons displacement of the general type of armored cruiser numbered two (New York), to cost, exclusive of armament, not more than three million five hundred thousand dollars, excluding any premium that may be paid for increased speed and the cost of armament. The contract for the construction of said cruiser shall contain provisions to the effect that the contractor guarantees that when competed and tested for speed, under conditions to be prescribed by the Navy Department, it shall exhibit a speed of at least twenty knots per hour; and for every quarter knot of speed so exhibited above said guaranteed speed the contractor shall receive a premium over and above the contract price of fifty thousand dollars; and for every quarter knot that such vessel fails of reaching said guaranteed speed there shall be deducted from the contract price the sum of fifty thousand dollars; In the construction of said vessel all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to material for said vessel, its engines, boilers, and machinery, the contract under which it is built, the notice of and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contract, shall be observed and followed, and said vessel shall be built in compliance with the terms of said act, save that in all its parts said vessel shall be of domestic manufacture. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of said vessel, then he may build such vessel in such navy-yard as he may designate.

Also one sea-going coast-line battle ship, designed to carry the heaviest armor and most powerful ordnance, with a displacement of about nine thousand tons, to have the highest practicable speed for vessels of its class, and to cost, exclusive of armament and of any premiums that may be paid for increased speed, not exceeding four million dollars.

And in the construction of said battle ship, the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," shall be observed and followed in the same manner that the provisions of said act are applied to the construction of the armored cruiser herein authorized; and in the contracts for the construction of said battle ship, such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made, subject to the terms of this act, as in the discretion of the Secretary of the Navy may be deemed advisable.

UNDER THE BUREAU OF ORDNANCE.

ARMAMENT AND ARMOR: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by section three of the act approved March third, eighteen hundred and eighty-seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight; of the vessels authorized by the act of March second, eighteen hundred and eighty-nine; of those authorized by the acts of June thirtieth, eighteen hundred and ninety, March second, eighteen hundred and ninety-one, and this act, including the purchase and installation of new machinery for the breech-mechanism shop at the navy-yard, Washington, District of Columbia, and torpedo outfits for the Atlanta, Boston, and Chicago, two million dollars.

UNDER THE BUREAU OF EQUIPMENT.

EQUIPMENT OF NEW VESSELS OF THE NAVY: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, four hundred thousand dollars.

UNDER THE BUREAU OF YARDS AND DOCKS.

TRAVELING CRANES: For one traveling crane of forty tons capacity, for dry docks at Mare Island, California, navy-yard, sixty thousand dollars.

CONSTRUCTION AND STEAM MACHINERY: Toward the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers and machinery, and for the payment of premiums for increased speed or horse power under contracts now existing and to be made under this and other acts for increase of the Navy, seven million dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject-matter of the same shall have been submitted to public competition by the Department by advertisement.

Approved, July 19, 1892.

[PUBLIC—No. 128.]

An act making appropriations for the Naval Service for fiscal year ending June thirtieth, eighteen hundred and ninety-four, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the Naval Service of the Government for the year ending June thirtieth, eighteen hundred and ninety-four, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men re-enlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey Service and Fish Commission, seven thousand five hundred men and one thousand five hundred boys, at the pay prescribed by law; in all, seven million three hundred thousand dollars.

And every naval cadet or cadet engineer who has heretofore graduated or may hereafter graduate from the Naval Academy, and who has been or may hereafter be commissioned, within six months after such graduation, an officer in the Navy or Marine Corps of the United States, under the laws appointing such graduate to the Navy or Marine Corps, shall be allowed the pay of the grade in which he may be so commissioned from the date he takes rank as stated in his commission to the date of qualification and acceptance of his commission; and any Naval Constructor having the rank of Captain, Commander or Lieutenant Commander shall be eligible as Chief of the Bureau of Construction and Repair.

PAY MISCELLANEOUS

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs,

prints, manuscripts, and periodicals; ferriage tolls, and express fees; cost of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars. And hereafter the accounting officers of the Treasury are hereby authorized to credit appropriation "Pay miscellaneous," with all receipts for interest on the account of the Navy Department with the London fiscal agents, premiums arising from sales of bills of exchange, and from any appreciation in the value of foreign coin. And fraudulent enlistment, and the receipt of any pay or allowance thereunder, is hereby declared an offense against naval disciplin and made punishable by general court martial, under article twenty-two of the articles for the government of the Navy; but this provision shall not take effect until sixty days after the passage of this act.

CONTINGENT, NAVY: For all emergencies and extrordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

That an officer of the Navy not below the rank of commander may be detailed as assistant to the Chief of the Bureau of Navigation in the Navy Department, and such officer shall receive the highest pay of his grade, and, in case of the death, resignation, absence, or sickness of the Chief of the Bureau, shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such Chief until his successor is appointed or such absence or sickness shall cease.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical-books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT, BUREAU OF NAVIGATION: For expenses of recruiting for the Naval Service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, an all other expenses attending the recruiting for the Naval Service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, *postage* on letters sent abroad, farriage, ice, apprehension of de-

serters and stragglers, continuos-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, forty-five thousand dollars, and in time of peace the President may in his discrition, and under such rules and upon such conditions as he may prescribe, permit any enlisted man to purchase his discharge from the Navy or the Marine Corps, the amounts received therefrom to be covered into the Treasury.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements on buildings, heating, lighting and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon and attendance on same, thirty thousand dollars.

For building retaining wall, from material on the island, at a price not to exceed three dollars per foot, and foundation, two thousand five hundred dollars;

For two boilers and extension of boiler house, with water tank and feed-water tank, seven thousand dollars.

For purchase of one dynamo, fifty horse power, and extension of electric plant for training station and War College and Torpedo School, four thousand five hundred;

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island and care of grounds for same, eight thousand dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, and material and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, an at the naval ordance and proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars;

Maintenance of new proving ground, five thousand dollars; in all, two hundred thousand dollars.

SUBMARINE TORPEDO BOAT: For building a submarine torpedo boat and conducting experiments therewith, two hundred thousand dollars, to be taken from the balances of appropriations on hand July first eighteen hundred and ninety-three, to the credit of armor and armament of vessels heretofore authorized.

REPAIRS BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

TORPEDO STATION, BUREAU OF ORDNANCE, NEWPORT, RHODE ISLAND: For labor, material, freight and express charges; general care of and repairs to grounds, buildings and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars.

NAVAL MILITIA: For arms and equipment connected therewith for naval militia of various States, under such regulations as the Secretary of the Navy may prescribe, twenty-five thousand dollars.

CONTINGENT BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire engine; gas and water pipes; gas and water tax at magazines; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars;

In all, twenty-six thousand eight hundred and twenty-four dollars; and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportion, storage, and handling the same; hemp, wire, iron and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steam launches; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings *and engravings for* signal books; naval signals and apparatus, namely,

signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ships' way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, nine hundred and twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer at nine hundred and fifty dollars;

Navy-yard, New York: For one clerk at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at one thousand dollars; one storekeeper at nine hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars;

In all, nineteen thousand and twenty-five dollars; and no other fund appropriated by this act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, twelve thousand dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; for incidental labor at navy-yards; water tax, tolls, and ferriage, rent of four officers' quarters at Philadelphia, Pennsylvania, pay of watchman in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes, two hundred and thirty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer, and head teamster, at four dollars per diem including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one foreman mason, when required, at four dollars and fifty cents per diem, one thousand four hundred and thirteen dollars; in all, seven thousand two hundred and ninety-three dollars and fifty cents.

Navy-Yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy six cents per diem; one messenger, at one dollar and seventy six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; in all, five thousand three hundred and eighty-three dollars and seventy-six cents

Navy Yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, sixteen thousand five hundred and forty one dollars and fifty cents.

Naval station, Sacketts Harbor, New York: For one shipkeeper, at three hundred and sixty five dollars per annum;

Navy-Yard, League Island, Pennsylvania, For one clerk at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and seventy-eight dollars.

Navy-Yard, Washington, District of Columbia; For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician one thousand dollars; in all, four thousand two hundred and seventy-eight dollars.

Navy-Yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty eight dollars and sixty three cents

Navy Yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Navy-Yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents.

Naval station, Key West, Florida; For one messenger, at six hundred dollars.

In all sixty-one thousand four hundred and ninety-four dollars and fifty-four cents; and no other fund appropriated by this act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA; For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; four laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable-keeper and driver at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and gas, two thousand four hundred dollars; cemetary, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, five thousand dollars music in chapel, six hundred dollars, transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, forty eight thousand dollars; to reset and repair footway in front of wharf, one thousand dollars; total for Naval Home, sixty-nine thousand two hundred and fifteen dollars; which sum shall be paid out of the income from the naval pension fund.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: For construction of boiler house for building number ten, fifteen thousand dollars.

NAVY YARD, BOSTON MASSACHUSETTS; For repairs to wharf, twenty thousand dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For completing gateway on Sands street, paving and grading streets in connection with same, extension of railroad tracks, continuation of quay wall, repairs to buildings, and for other improvements at the navy-yard, Brooklyn, New York, three hundred thousand dollars, to be paid from proceeds of sale of portion of Brooklyn navy-yard under act of Congress, approved December twenty-second, eighteen hundred and ninety-two.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For continuation of sea wall, twenty thousand dollars; one pair shear legs, eighteen thousand dollars; toward the construction of east dry dock pier, as estimated for by the Bureau of Yards and Docks, forty thousand dollars; the total cost for the completion of the said pier not to exceed the sum of eighty thousand dollars; in all, seventy-eight thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For new timber shed for ordnance purposes, seven thousand five hundred dollars; for conversion of mold-loft building into a forge shop, eight thousand dollars; for reconstruction of forge shop with foundations for crane colums, ten thousand dollars; for one wrecking car with fifteen-ton crane attachment, two thousand five hundred dollars; for installation of electric lights in breech-mechanism shop, two thousand five hundred dollars; in all, thirty thousand five hundred dollars.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall fifteen thousand dollars; for extention of water system, eight thousand dollars; in all, twenty-three thousand dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For sewerage eight hundred and forty-six dollars; for officers' quarters, seven thousand dollars; for boathouse, one thousand dollars; for barn, seven hundred and fifty dollars; and for completing officers quarters, heretofore authorized, two thousand five hundred dollars; in all, twelve thousand and ninety-six dollars.

DRY DOCK, ALGIERS, LOUISIANA: Toward the establishment of a dry dock on the Government reservation, near Algiers, Louisiana; for plans and specifications, and for the acquisition of such additional land as may be necessary in the discretion of the Secretary of the Navy, in accordance with the recommendations of two Commissions appointed by the President under the provisions of an act approved September seventh, eighteen hundred and eighty-eight, and the act approved June thirtieth, eighteen hundred and ninety, respectively, twenty-five thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For dredging, twenty thousand dollars; for dry-air closet, four thousand dollars; for new carriage house and dirt stables, for yards and docks stables, three thousand dollars; for changes in steam-engineering buildings, four thousand seven hundred and ninety-seven dollars; for shed for bending slabs, rolls, and furnaces, six thousand three hundred and eighty-one dollars; for engine house for engine for construction and repair, three thousand four hundred and seventy dollars; in all, forty-one thousand six hundred and forty-eight dollars.

DRY DOCK, PUGET SOUND, WASHINGTON: To continue the construction of the dry dock at Puget Sound, authorized by the act approved March second, eighteen hundred and ninety-one, including approaches to dry dock, rent of quarters for civil engineer and inspector, pay of superintendents, inspectors, and draftsmen, necessary dredging, and incidental expenses, two hundred and twenty-five thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, two hundred and seventy-five thousand dollars.

NAVAL ACADEMY.

Buildings and grounds: For one new boiler house and fittings, to be immediately available, twenty-six thousand dollars; for the erection of *two double houses* for officers' quarters, thirty thousand dollars; in all, *fifty-six thousand dollars.*

NEW NAVAL OBSERVATORY.

For grounds and roads: For continuing grading, extending roads and paths, clearing grounds of New Naval Observatory, and filling ravine contiguous to boiler house, to be immediately available, twelve thousand dollars.

Stationary fire engine: For one stationary fire engine, with pipes, connections, and frame shelter, four thousand five hundred dollars; in all, sixteen thousand five hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and Naval Academy, sixty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repair of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seed; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For provisions and commuted rations for the seamen and marines, commuted rations for officers and naval cadets on sea duty, and commuted rations stopped on account of sick in hospital and credited to the hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for communication therefor to be given), and fresh water, not to exceed ten thousand dollars, for drinking and cooking purposes, nine hundred and ninety

thousand dollars; labor in general storehouses and paymasters' offices in navy-yards, including a chemist at two thousand dollars per annum, one hundred thousand dollars; in all, one million and ninety thousand dollars.

And the Secretary of the Treasury is hereby authorized and directed to cause general account of advances to be charged with the sum of two hundred thousand dollars, which amount shall be carried to the credit of a permanent naval-supply fund to be used under the direction of the Secretary of the Navy in the purchase of ordinary commercial supplies for the naval service, and to be reimbursed from the proper naval appropriations whenever the supplies purchased under said fund are issued for use.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other incidental expenses, forty thousand dollars.

And section thirty-seven hundred and eighteen of the Revised Statutes of the United States, as amended by the act of July nineteenth, eighteen hundred and ninety-two, is hereby amended so as to read: "twice a week for two weeks or longer, not to exceed four weeks, or once a week for two weeks or longer, not to exceed four weeks, in the discretion of the Secretary of the Navy."

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars.

In yard pay office: One writer, at one thousand and seventeen dollars and twenty five cents.

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box-maker, at three dollars per diem; one engineer tender, at three dollars and twenty-six cents per diem; one coffee-roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem.

In pay office: One writer, at one thousand and seventeen dollars and *twenty-five cents; one* messenger, at two dollars and twenty-five cents *per diem.*

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars.

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars.

Torpedo Station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars.

Navy Yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars.

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars.

In pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, sixty-seven thousand five hundred and thirty-two dollars and three cents; and no other fund appropriated by this act shall be used in payment for such service.

Consolidating naval supplies: For completion of the work of arranging, classifying, consolidating and cataloguing supplies of the Navy, ten thousand dollars.

For expenses (not properly chargeable to other specific appropriations) of handling, shipping, and transportation from one station to another of the stores which under the law have ceased to belong to particular bureaus and have become general supplies for use of the Navy, twenty thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers; pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, nine hundred and fifty thousand dollars: *Provided*, That no part of this sum

shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ships Hartford and Kearsarge, or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR; Navy-Yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, nineteen thousand nine hundred and seventy-two dollars and fifty cents; and no other fund appropriated by this act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred and forty-five thousand dollars.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars;

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars; in all, six hundred and ninety-five thousand dollars:

Provided, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power; nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the

authority to cause the necessary repairs and preservation of the United States ships Hartford and Kearsarge, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas so far as may be necessary to bring them home

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars.

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger, at six hundred dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars;

Navy-Yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars;

In all, eleven thousand nine hundred dollars; and no other fund appropriated by this act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish and one of English studies, history, and law, at two thousand two hundred dollars each; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the superintendent, one at one thousand two hundred dollars and one at one thousand dollars, respectively; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and thirty-three dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at five hundred and twenty eight dollars;

twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel of Naval Academy, three hundred dollars:

In all, fifty-two thousand three hundred and seventy-one dollars.

For special course of study and training of naval cadets, as authorized by act of Congress approved August fifth eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house at one dollar and fifty cents per diem.

In all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering seven thousand eight hundred and twenty four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school ships, seventeen thousand dollars.

CONTINGENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriations, thirty-two thousand dollars; stores in the departments of steam engineering eight hundred dollars; material for repairs in steam machinery, one thousand dollars;

In all, forty-one thousand eight hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandent, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartmaster, four majors, two assistant quartmasters, twenty captains, thirty first lieutenant, and twelve second lieutenants, one hundred and seventy-nine thousand *three hundred and* twenty dollars.

Pay of officers on the retired list: For four colonels, two lieutenant-colonels, one major, one quartermaster, two assistant quartermasters, eight captains, three first lieutenants, and three second lieutenants, fifty-two thousand eight hundred and sixty-seven dollars and fifty cents.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians ninety-six drummers and fifers, and one thousand six hundred privates, three hundred and eighty five thousand dollars.

Pay of retired enlisted men: For one sergeant-major. one drum-major, three first-class musicians, nine first sergeants twelve sergeants, two corporals, five drummers, two fifers, and thirty privates, and for those who may be retired during the year, twenty-four thousand six hundred and fifty four dollars and sixty-three cents.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-four thousand dollars: *Provided*, That no other fund appropriated by this act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, nine thousand dollars;

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars.

Pay of civil force: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty-cents; one messenger, at nine hundred and seventy-one dollars, and twenty-eight cents.

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia: One clerk, at one thousand four hundred dollars; in all, for pay to civil force, seventeen thousand six hundred and thirty-six dollars and twenty-three cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned officers, musicians, and privates, and for commutation for rations to eleven enlisted men detailed as clerks and messengers, also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, seventy-five thousand dollars; and *no* law shall be construed to entitle enlisted

marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlist men in the Army.

For amount required to be transfered to paymaster, Marine Corps, on account of rations to retired men eighty-two dollars and thirteen cents each per annum, five thousand dollars.

CLOTHING, MARINE CORPS: For two thousand one hundred non-commissioned officers, musicians, and privates, seventy-five thousand dollars.

FOR FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; in all three thousand two hundred and eighty-six dollars and fifty cents; for purchase of military equipments, such as cartridge boxes, bayonet, scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waste belts, waist plates, cartridge belts, and spare parts for repairing muskets, purchase of ammunition, purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good-conduct badges, incidental expenses in connection with the school of application, for the establishment and maintenance or targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, ten thousand dollars; in all, thirteen thousand two hundred and eighty-six dollars and fifty-cents.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expenses of recruiting service, fifteen thousand dollars.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California, Port Royal, South Carolina, and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

To complete the erection of barracks at naval station, Port Royal, South Carolina, appropriation to be immediately available, two thousand six hundred dollars.

For erection of a marine barracks on Coaster Harbor Island, Newport, Rhode Island, fifteen thousand dollars: *Provided*, That no part of this appropriation shall be used until a contract shall have been made for the completion of said barracks within the same.

FORAGE MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officer's horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five *hundred dollars.*

For hire of quarters for seven enlisted men employed as clerks and

messengers in commandant's, adjutant and inspector's paymaster's, and quartermaster's, offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars.

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars;

In all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking stoves; ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain and water pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights, straw for bedding, mattresses, mattress covers, pillows, wire bunk bottoms for enlisted men at the various posts, furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, thirty thousand dollars.

INTERNATIONAL NAVAL RENDEZVOUS AND REVIEW: For the expenses of the International Rendezvous and Review, including assembling and preparation of ships and such temporary increase of the force of enlisted men and marines as may be required, and such other necessary expenses as the Secretary of the Navy may authorize, to be immediately available, three hundred thousand dollars, or so much thereof as may be necessary; and the number of persons who may at one time be enlisted into the Navy of the United States, including seamen, ordinary seamen, landsmen, mechanics, firemen, and coal heavers, and including one thousand five hundred apprentices and boys, hereby authorized to be enlisted annually, shall not exceed nine thousand. And the Secretary of the Navy be, and he is hereby, authorized, empowered, and directed to define and establish suitable anchorage grounds in Hampton Roads and in New York harbor during the continuance of the naval rendezvous and review to be held in pursuance of the provisions of section eight of the act of Congress, approved April twenty-fifth, eighteen hundred and ninety, creating the World's Columbian Exposition; and the Secretary of the Navy is hereby further authorized to make such rules and regulations regarding the movements of all vessels in the roadstead and harbor named as may be necessary in order to insure the proper and orderly conduct of said naval rendezvous and review and provide for the safety of the vessels participating therein; and such rules and regulations when so issued and published shall have the force and effect of law.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed, by contract, three light-draft protected gunboats of about one thousand two hundred tons displacement each, to cost, exclusive of armament, not more than four hundred thousand dollars each, excluding any premium that may be paid for increased speed and the cost of armament. The contract for the construction of either of said gunboats shall contain such provisions as to speed and premiums and penalties affected by speed as may in the judgment of the Secretary of the Navy may be deemed proper and fitting. In the construction of said vessels all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to material for said vessels, their engines, boilers, and machinery, the contract under which they are built the notice of and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessel shall be of domestic manufacture: *Provided, however*, That the Secretary of the Navy shall not receive or consider bids from any party or parties not provided with a plant suitable to do the work: *And provided further*, That in awarding the contract for any one of these ships, the Secretary of the Navy shall award the contract at the price of the lowest bid to that one of the parties bidding on any such ship which in his judgment it is in the interest of the Government to have to do the work. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of said vessels, then he may build such vessels in such navy-yard as he may designate.

UNDER THE BUREAU OF ORDNANCE.

ARMAMENT AND ARMOR: All balances of appropriations on hand July first, eighteen hundred and ninety-three, to the credit of armor and armament of vessels heretofore authorized, shall be available toward the armor and armament of any of the vessels heretofore authorized as well as for the armor and armament of vessels authorized by this act, including the purchase of or payment for the right to use and employ such patented processes and to manufacture and use such patented devices, apparatus, models, and designs as may, in the judgment of the Secretary of the Navy, be necessary or desirable to increase the efficiency of the armor and armament for naval vessels: *Provided, always*, That such armor and armament shall be of domestic manufacture

UNDER THE BUREAU OF EQUIPMENT.

EQUIPMENT OF NEW VESSELS OF THE NAVY: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized by Congress, two hundred and fifty thousand dollars.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, six million eight hundred and seventy-five thousand dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject-matter of the same shall have been submitted to public competition by the Department by advertisement.

Approved, March 3, 1893.

[PUBLIC—No. 128.]

An Act Making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-five, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the Naval Service of the Government for the year ending June thirtieth, eighteen hundred and ninety-five, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men re-enlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey Service and Fish Commission, eight thousand two hundred and fifty men and seven hundred and fifty boys, at the pay prescribed by law; in all, seven million four hundred seventy-five thousand dollars: *Provided*, That all officers who have been appointed to any corps of the Navy after service in a different branch of the Navy, shall have all the benefits of their previous service in the same manner as if said appointments were a re-entry into the Navy. Any alien of the age of twenty-one years and upward who has enlisted or may enlist in the United States Navy or Marine Corps, and has served or may hereafter serve five consecutive years in the United States Navy or one enlistment in the United States Marine Corps, and has been or may hereafter be honorably discharged, shall be admitted to become a citizen of the United States upon his petition, without any previous declaration of his intention to become such; and the court admitting such alien shall, in addition to proof of good moral character, be satisfied by competent proof of such person's service in and honorable discharge from the United States Navy or Marine Corps: *Provided further*, That in order to fill vacancies that may exist in the grade of ensign in the Navy and in the grade of assistant engineer in the Navy, the Secretary of the Navy shall, in case the number of vacancies in either of such grades exceeds the number of naval cadets in the line division or in the engineer division of the class of naval cadets finally graduated in the year eighteen hundred and ninety-four, or in any one year thereafter, select a number equal to such excess from the final graduates of said class in the engineer division or in the line division, as the case may require, who shall be reported as proficient and be recommended thereto by the Academic Board, and such final graduates shall be appointed to fill vacancies in the grade of ensign in the Navy or in the grade of assistant engineer in the Navy, respectively, and the naval cadets so appointed to fill vacancies in such grades shall take rank in those respective grades next after the naval cadets appointed from the line

division or from the engineer division, as the case may be, to fill vacancies in those grades, but among themselves according to merit as determined by the Academic Board.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attaches and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT, BUREAU OF NAVIGATION: For expenses of recruiting for the Naval Service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the Naval Service, and for the transportation of enlisted men and boys at *home and abroad; for* heating apparatus for receiving and training ships,

and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, forty-five thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements on buildings, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon) and attendance on same, thirty thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island, and care of grounds for same, eight thousand dollars.

To enable the Secretary of the Navy in his discretion to purchase for the United States the Ourdan and Kolb letter-engraving machine and the right to manufacture and use, without the payment of royalty, others of said machine and any and every improvement or modification of said machine or applicable to said machine and referred to in the letters patent that have been or may hereafter be granted to the inventors of said machine or their assignees, twenty thousand dollars, or so much thereof as may be necessary.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance and proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars.

Maintenance of new proving ground, five thousand dollars.

In all, two hundred thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, including one thousand six hundred and fifty dollars for the addition of two rooms to the quarters of the inspectors of ordnance at Fort Norfolk, Virginia, thirty thousand dollars;

For construction and extension of buildings at the naval magazine, Mare Island, to replace those destroyed by the explosion on June thirteenth, eighteen hundred and ninety-two, seventeen thousand nine hundred dollars; in all, forty-seven thousand nine hundred dollars.

TORPEDO STATION, BUREAU OF ORDNANCE, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars;

For replacing the gun-cotton factory destroyed by fire July third, eighteen hundred and ninety-three, eleven thousand and seventy-seven dollars; in all, seventy-one thousand and seventy-seven dollars.

NAVAL MILITIA: For arms, and equipment connected therewith, and for the printing of necessary books of instruction, for naval militia of various States, under such regulations as the Secretary of the Navy may prescribe, twenty-five thousand dollars.

GUN PLANT, WASHINGTON NAVY-YARD: For gun plant, navy-yard, Washington, District of Columbia: Erection of steam hammers, blast to furnace and forges, in the new forge shop at the Washington navy-yard (mold-loft building converted into forge shop, Act of March third, eighteen hundred and ninety-three), six thousand dollars; for necessary machinery to equip the new machine shop at the Washington navy-yard (old forge shop reconstructed, Act of March third, eighteen hundred and ninety-three), and for additional boiler power, one hundred and eleven thousand dollars; in all, for Washington navy-yard, one hundred and seventeen thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire engines; gas and water pipes; gas and water tax at magazines; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, fifteen thousand nine hundred and eighty-nine dollars and fifty cents.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents.

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars.

In all, civil establishment, Bureau of Ordnance, twenty-six thousand eight hundred and twenty-four dollars; and no other fund appropriated *by this* Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steam launches; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship; for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million ninety thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars; in all, four thousand five hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars; in all, Civil Establishment, Bureau of Equipment, nineteen thousand and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; furniture for equipment

offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify twelve thousand dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; for incidental labor at navy-yards; water tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes, two hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one foreman mason, when required, at four dollars and fifty cents per diem, one thousand four hundred and thirteen dollars; in all, seven thousand two hundred and ninety-three dollars and fifty cents.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; in all, five thousand three hundred and eighty-three dollars and seventy-six cents.

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, sixteen thousand five hundred and forty-one dollars and fifty cents.

Naval station, Sacketts Harbor, New York: For one shipkeeper, at three hundred and sixty-five dollars per annum.

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and seventy-eight dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand dollars; in all, four thousand two hundred and seventy-eight dollars.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty-eight dollars and sixty-three cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician, one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents.

Naval station, Key West, Florida: For one messenger, at six hundred dollars. In all, Civil Establishment, Bureau of Yards and Docks, sixty-one thousand four hundred and ninety-four dollars and fifty-four cents; and no other fund appropriated by this Act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; four laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable-keeper and driver at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and gas, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of

grounds, five hundred dollars; for reconstructing bulkhead of wharf property, three thousand one hundred and fifty dollars, said sum to be immediately available; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, five thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; in all, twenty-three thousand three hundred and sixty-five dollars; for support of beneficiaries, fifty-seven thousand one hundred dollars; in all for Naval Home, eighty thousand four hundred and sixty-five dollars, which sum shall be paid out of the income from the naval pension fund.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, BOSTON, MASSACHUSETTS: For electric light plant, fifteen thousand dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For caisson for granite dock, thirty-five thousand dollars; for renewing buildings numbered one hundred and fourteen, one hundred and fifteen, and one hundred and sixteen (C. and R.), seventy thousand dollars; for grading, paving, and laying of sewers, ten thousand dollars; for quay wall inside of Whitney basin, twenty-five thousand dollars; in all, one hundred and forty thousand dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For continuation of sea wall, twenty thousand dollars; for completion of shear legs, eleven thousand nine hundred dollars; for an electric-light plant, ten thousand dollars; to complete east dry-dock pier, forty thousand dollars, to be immediately available; in all, eighty-one thousand nine hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For extension of yard wall through marsh, twenty-four thousand six hundred and ninety-three dollars; retaining wall for, and raising lower floor, store numbered ten, ten thousand nine hundred and fifteen dollars; locomotive wrecking crane, seven thousand five hundred dollars; completing conversion of mold-loft building into forge shop, six thousand nine hundred and thirty-six dollars; in all, fifty thousand and forty-four dollars.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of electric plant, eight thousand dollars; for sewers, drains, and water-closets in offices and shops, fifteen thousand dollars; for continuing quay wall, fifteen thousand dollars.

For the construction of a fireproof storehouse to replace the storehouse building numbered fifteen, destroyed by fire in December, eighteen hundred and ninety-three, seventy-two thousand three hundred and sixty-five dollars and seventy-seven cents; in all, one hundred and ten thousand three hundred and sixty-five dollars and seventy-seven cents.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For repairs to main wharf, eighteen thousand three hundred and sixty-eight dollars.

For paying Justin McCarthy, contractor for building the dry dock at Port Royal, South Carolina, in full for loss and damage caused by the cyclone of August twenty-seventh and twenty-eighth, eighteen hundred and ninety-three, as ascertained by the Navy Department, eighteen thousand five hundred and twenty-one dollars and forty-two cents.

Dry dock at Algiers, Louisiana: For the purpose of completing the

purchase of additional lands necessary for the establishment of a dry dock at Algiers, Louisiana, cost of advertising, plans and specifications for said dry dock, and expenses of judicial proceedings instituted for the condemnation of such additional lands, twenty-three thousand and twenty-five dollars and three cents.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For extending yard railroads, eighteen thousand three hundred and thirty-two dollars; for navy-yard roads, five thousand dollars; for shed over galvanizing plant (C. and R.), three thousand seven hundred and fifty dollars; for cottage for electrician, one thousand nine hundred and thirty-seven dollars; in all, twenty-nine thousand and nineteen dollars.

For the construction of a steam tug at Mare Island Navy Yard, California, for the use of said yard, fifty thousand dollars.

DRY DOCK, PUGET SOUND [NAVAL STATION], WASHINGTON: For artesian wells, three thousand five hundred dollars; to defray the expenses incurred prior to September sixteenth, eighteen hundred and ninety-two, in boring test wells, recording titles and deeds, perfecting titles, and in connection with the purchase of the Puget Sound dry dock, two thousand five hundred and seventy-nine dollars and eighty-three cents, the same having been expended by Lieutenant A. B. Wykoff, United States Navy, by direction of the Navy Department; in all, six thousand and seventy-nine dollars and eighty-three cents.

FOR NAVAL STATION, KEY WEST, FLORIDA: Coaling shed, ten thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, three hundred thousand dollars.

NAVAL ACADEMY.

FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: Improvement of the water front of the Academy, ten thousand dollars.

For repairs to the gas-plant, five thousand dollars.

To pave Hanover street from Maryland avenue to Wagner street, Wagner street from Hanover street to King George street, and King George street from College avenue to College or Graveyard Creek, in the city of Annapolis, Maryland, thirteen thousand dollars; and the Secretary of the Navy is hereby authorized to convey to the city of Annapolis, Maryland, the title to the bed of King George street from College avenue to College or Graveyard Creek.

NEW NAVAL OBSERVATORY.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds of New Naval Observatory, and filling ravine contiguous to boiler house to Massachusetts avenue extended, twelve thousand dollars.

Instruments and accessories: Miscellaneous instruments and accessories, namely: One comet seeker, four hundred dollars; one standard mercurial barometer, four hundred dollars; one magnetic theodolite, eight hundred dollars; one dip circle, two hundred and fifty dollars; one earth inductor inclinometer, three hundred dollars; one galvanometer, eighty dollars; one telescope and scale, fifty dollars; one quadrant galvanometer, sixty-two dollars; one compensator, fourteen dollars; glass scales, one hundred dollars; beam suspensions, one hundred dollars; one photographic register, one hundred and fifty dollars; one alt-azimuth instrument, mounted and protected from weather, six thousand five hundred dollars; eye-pieces and shades, two hundred and fifty

dollars; one twelve-inch object-glass, two thousand dollars. For freight elevator, five hundred dollars; in all, twenty-three thousand nine hundred and fifty-six dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and Naval Academy, sixty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars. For complete renovation of present hospital building at Brooklyn, New York, with a view of placing it in a perfects anitary condition, namely: for sealing all the walls to remove existing disease germs and for antiseptically finishing and painting them, removing rotten wooden floors and replacing them by tile with slate sidings impervious to moisture, scraping and painting all doors and woodwork, refitting windows so as to be utilized in ventilation, remodelling cased wooden stairways and renewing them with iron or other suitable material, fifteen thousand dollars; for construction of one ward of modern design of sufficient size and cubic air space to accommodate at least fifty sick and wounded men, to be one story high with suitable elevation and to be constructed of the same material used for present hospital, twenty-five thousand dollars; for erection of retaining and boundary wall, fifteen thousand dollars; for kitchen, mess hall, and smoking room removed from basement and located apart, conveniently for inmates and attendants of main hospital building and proposed adjacent wards, three thousand five hundred dollars; for construction of an operating ward with all modern antiseptic appliances, one thousand five hundred dollars; for heating and fire apparatus enlarged and improved: Plumbing renewed, five thousand dollars; for elevator for transporting sick and wounded introduced, three thousand dollars; for apartment fitted in main building for chapel, reading room, and sailors' library, one thousand dollars; in all, sixty-nine thousand dollars, which sum shall be paid from that portion of the naval hospital fund accruing from the sale of naval hospital grounds to the city of Brooklyn, and placed to the credit of the naval hospital fund, in pursuance of the provisions of the Act approved July second, eighteen hundred and ninety.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; wash-

ing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous; for necessary expenses incident to removal of museum of hygiene to old observatory building and grounds, and for such minor repairs on said building and grounds as may be required to properly receive and preserve the exhibits, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, and department of instruction, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

That an officer of the pay corps of the Navy may be detailed as assistant to the Chief of the Bureau of Supplies and Accounts in the Navy Department, and that such officer shall, in case of the death, resignation, absence, or sickness of the Chief of the Bureau, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease.

PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For provisions and commuted rations for the seamen and marines, commuted rations for officers on sea duty, and naval cadets and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given), and fresh water for drinking and cooking purposes, one million and seventy-five thousand dollars; labor in general storehouses and paymasters' offices in navy-yards, including a chemist at two thousand dollars per annum, one hundred thousand dollars; in all, one million one hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and expres charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other incidental expenses, forty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars:

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thou-

sand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one boxmaker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee-roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem;

In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, twenty-eight thousand four hundred and twelve dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars;

In yard pay office: One writer, at one thousand and seventeen dollars and twenty five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Torpedo Station, Newport, Rhode Island: In general storehouse; One clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars.

In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents. In all, eight thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars.

In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents; in all, Civil Establishment, Bureau of Supplies and Accounts, sixty-seven thousand five hundred and thirty-two dollars and three cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers; pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, nine hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For the repair of the ship Constitution, now lying at the Portsmouth navy-yard, in the State of New Hampshire, in order that it may be used as a training ship for the naval militia, eight thousand dollars.

For the repairs of the hull of the United States ship Hartford, to be used as a training ship when repaired, one hundred and fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: For one clerk to navy constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents; in all, Civil Establishment Bureau of Construction and Repair, nineteen thousand nine hundred and seventy-two dollars and fifty cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred and twenty-five thousand dollars;

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars;

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power; nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

STEAM MACHINERY (SPECIAL): To commence the construction of new machinery, engines, and boilers of United States steamship Chicago, two hundred thousand dollars.

To replace present machinery and boiler of tug Standish, at Naval Academy, with new machinery, fifteen thousand dollars.

To replace present machinery and boiler of tug Fortune, at Norfolk, Virginia, with new machinery, fifteen thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars; *in all, one thousand* nine hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, three thousand dollars. In all, Civil Establishment, Bureau of Steam Engineering, eleven thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish and one of English studies, history, and law, at two thousand two hundred dollars each; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, one at one thousand two hundred dollars and one at one thousand dollars, respectively; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel of Naval Academy, three hundred dollars; in all, fifty-two thousand four hundred and seven dollars: *Provided*, That section fifteen hundred and fourteen, chapter five, title fifteen of the Revised Statutes of the United States, is hereby amended so that it shall hereafter read: The Secretary of the Navy shall, as soon after the fifth of March in each year as possible, notify in writing each Member and Delegate of the House of Representatives of any vacancy that may exist in his district. The nomination of a candidate to fill said vacancy shall be made upon the recommendation of the Member or Delegate, if such recommendation is made by the first day of July of that year; but if it is not made by that time, the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the district in which the vacancy exists, who shall have been

for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the district in which the vacancy exists and of the legal qualification under the law as now provided. The candidate allowed for the District of Columbia, and all the candidates appointed at large, shall be selected by the President.

That every Member or Delegate of Congress whose district or territory is now unrepresented at the Naval Academy by a cadet who is not an actual resident of the district shall be permitted on or before the first day of September, eighteen hundred and ninety-four, to recommend a candidate for appointment as a cadet at the Naval Academy, and the Secretary of the Navy shall nominate such candidate for appointment to the Academy, subject to qualifications now prescribed by law. Such cadets when appointed to be in addition to the number of cadets now allowed, and the sum of five thousand five hundred dollars, or so much thereof as is necessary, is hereby appropriated for the additional number of cadets herein authorized.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school ships, seventeen thousand dollars.

CONTINGENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for *incidental* labor and expenses not applicable to any other appropria-

tion, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; in all, forty-one thousand eight hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, twenty captains, thirty first lieutenants, and twelve second lieutenants, one hundred and seventy-nine thousand three hundred and twenty dollars.

Pay of officers on the retired list: For four colonels, two lieutenant-colonels, one major, one quartermaster, one assistant quartermaster, twelve captains, two first lieutenants, and three second lieutenants, fifty-six thousand eight hundred and sixty-five dollars.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, and for the expenses of clerks of the United States Marine Corps traveling under orders, three hundred and eighty-four thousand seven hundred and and ninety-four dollars and seventy-nine cents: *Provided*, That the pay of the drum major shall be the same as that now established, or that may be hereafter established, for first sergeants in the Marine Corps of the same length of service.

Pay of retired enlisted men: For one sergeant-major, one drum-major, three first-class musicians, five first sergeants, sixteen sergeants, three corporals, one drummer, two fifers and thirty-three privates, and for those who may be retired during the year, twenty-four thousand six hundred and fifty-four dollars and sixty-three cents.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-four thousand dollars: *Provided*, That no other fund appropriated by this Act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, nine thousand dollars.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand five hundred and fifty dollars.

Pay of civil force: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents.

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred *and ninety*-six dollars and fifty-two cents; one

clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars; in all, for pay of civil force, seventeen thousand six hundred and thirty six dollars and twenty-three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned officers, musicians, and privates, and for commutation of rations to eleven enlisted men detailed as clerks and messengers, also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, seventy-four thousand six hundred and sixty-one dollars and fifty-five cents; and no law shall be construed to entitle enlisted marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

For amount required to be transferred to credit "Pay Marine Corps," on account of rations to retired men, eighty-two dollars and thirteen cents each per annum, five thousand three hundred and thirty-eight dollars and forty-five cents.

CLOTHING, MARINE CORPS: For two thousand one hundred noncommissioned officers, musicians, and privates, eighty thousand dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, maintaining electric lights, and for hot-air closets, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; in all, three thousand two hundred and eighty-six dollars and fifty cents; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good-conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, ten thousand dollars; in all, thirteen thousand two hundred and eighty-six dollars and fifty cents.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expense of recruiting service, fifteen thousand dollars.

FOR REPAIRS OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and

navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California; Port Royal, South Carolina; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

Alteration and repair of marine barracks and other public buildings, repair of parade ground, relaying walks and gas and water pipes at navy-yard, Brooklyn, New York, five thousand dollars.

For the introduction of steam heat into the marine barracks and officers' quarters, navy-yard, Boston, Massachusetts, and incidental expenses connected therewith, three thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars; for hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, ferriage, tolls, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers, purchase and repair of cooking stoves; ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows; wire bunk bottoms for enlisted men at the various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, thirty thousand dollars.

INCREASE OF THE NAVY.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of August third, eighteen hundred and eighty-six; of the vessels authorized by the Act approved September seventh, eighteen hundred and eighty-eight; of the vessels authorized by the Act approved March second, eighteen hundred and eighty-nine; of those authorized by the Act of June thirtieth, eighteen hundred and ninety; of the one authorized by the Act of March second, eighteen hundred and ninety-one; of those authorized by the Act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorizd by the Act of March third, eighteen hundred and ninety-three, four million dollars.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore or herein authorized, five million nine hundred and fifty-five thousand and twenty-five dollars and from this amount there shall be paid all speed premiums upon new naval vessels earned previous to January first, eighteen hundred and ninety-four, and which remain unpaid at this date, the amount of such speed premium in each case being according to the official report in the trial of each vessel approved by the Secretary of the Navy.

The Secretary of the Navy is hereby authorized to use the four hundred and fifty thousand dollars "for the construction of one additional cruiser of the Vesuvius type," appropriated by the Act of March second, eighteen hundred and eighty-nine, or so much thereof as may be necessary for the construction, armament, and equipment of three torpedo boats, to cost, all together, not more than the said sum of four hundred and fifty thousand dollars. And authority is hereby given to transform the United States steamship Vesuvius into a torpedo cruiser if, in the opinion of the Secretary of the Navy, such transformation will add to "the efficiency of this vessel for naval purposes." And the Secretary of the Navy is hereby authorized to remit the time penalties on the dynamite cruiser Vesuvius, and a sum sufficient for such purpose is hereby appropriatd.

Approved, July 26, 1894.

An Act Making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the Naval Service of the Government for the year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey Service and Fish Commission, eight thousand two hundred and fifty men and seven hundred and fifty boys, at the pay prescribed by law; and the Secretary of the Navy is hereby authorized to enlist as many additional seamen as in his discretion he may deem necessary, not to exceed one thousand; in all, seven million six hundred and forty-nine thousand three hundred and twenty-nine dollars: *Provided*, That any retired officer of the Navy or Marine Corps may, on his own application, be detailed to service as a teacher or professor in any school or college, but while so serving such officer shall be allowed no additional compensation.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prints,

manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attaches and information from abroad, and the collection and classification thereof, and other necessary incidental expenses; in all, two hundred and forty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

That the accounting officers of the Treasury are hereby authorized and directed to credit Philip S. Wales, medical director, United States Navy, with the sum of forty-four thousand and fifty-five dollars and eighty-nine cents, to relieve the said Wales from certain charges raised against him on the books of the Treasury upon Treasury settlement numbered eight thousand and sixtytwo, dated January tenth, eighteen hundred and eighty-eight: *Provided*, That the Secretary of the Navy shall be satisfied that the said Philip S. Wales received no benefit from the payment of the vouchers represented in the charges now standing against him in said Treasury settlement numbered eight thousand and sixty-two.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, twenty-five thousand dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT BUREAU OF NAVIGATION: For expenses of recruiting for the Naval Service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the Naval Service, and for the transportation of enlisted men and boys at home and aboard; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, forty-five thousand dollars.

Naval Station, Newport, Rhode Island: For maintenance of office of commandant, stationery, heating, furniture, freight, and other contingent expenses, one thousand dollars; quarters for commandant, eight thousand dollars; in all, nine thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements on buildings, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same, thirty thousand dollars; for hospital for station, twenty thousand dollars; in all, fifty thousand dollars: *Provided*, That no part of the personnel of the training force shall be quartered on shore except in case of sickness.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island, and care of grounds for same, eight thousand dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars;

To enable the Secretary of the Navy to pay, should he consider such payment desirable, for the exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by Patent Numbered Five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three and signed by the Secretary of the Navy and the patentee and authorized in the act making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-three, and for other purposes, twenty-five thousand dollars, or so much thereof as may be necessary, to be immediately available.

Maintenance of new proving ground, five thousand dollars;

For purchase of forgings and manufacture of guns for batteries for training ships, and a reserve supply of guns for ships of the Navy, one hundred thousand dollars; in all, three hundred thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

MAGAZINE, CRANEY ISLAND: Removal of magazine at Craney Island, in the harbor of Norfolk, to a more suitable and safe locality, seventy-five thousand dollars, which sum shall be made immediately available.

TORPEDO STATION, BUREAU OF ORDNANCE, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction,

instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, and equipment connected therewith, and for the printing of necessary books of instruction, for naval militia of various States, under such regulations as the Secretary of the Navy may prescribe, twenty-five thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage and express charges; repairs to fire engines; gas and water pipes; gas and water tax at magazines; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

NAVAL PROVING GROUND: Buildings for magazine for high explosives, and filling house; sewerage, extension of railroad track, water supply, and so forth, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, fifteen thousand nine hundred and eighty-nine dollars and fifty cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, twenty-six thousand eight hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for

steam launches; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million two hundred and seventy-eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars; in all, four thousand five hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the Board of Labor Employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, nineteen thousand six hundred and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, twelve thousand dollars.

Bureau of Yards and Docks.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight; transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines, machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and implements of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; for incidental labor at navy-yards; water tax, tolls, and ferriage; rent of fuel offices' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes, two hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifteen thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, four hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one foreman mason, when required, at four dollars and fifty cents per diem, one thousand four hundred and thirteen dollars; in all, seven thousand three hundred and seven dollars;

Navy yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; in all, five thousand three hundred and ninety three dollars and twenty-eight cents;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams of quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, sixteen thousand five hundred and sixty-six dollars and seventy-five cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-six dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and eighty-four dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand dollars; in all, four thousand two hundred and eighty-four dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and seventy dollars and eighty-nine cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty-two dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician, one thousand two hundred dollars; in all, twelve thousand two hundred and ninety-three dollars and forty-five cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars;

In all, civil establishment, Bureau of Yards and Docks, sixty-one thousand five hundred and ninety-seven dollars and thirty-seven cents; and no other fund appropriated by this Act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters, at one hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hun-

dred dollars; one engineer to run elevator, six hundred dollars; water rent and gas, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, seven thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty-seven thousand one hundred dollars; in all, for Naval Home, seventy-nine thousand three hundred and fifteen dollars, which sum shall be paid out of the income from the naval pension fund.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, BOSTON, MASSACHUSETTS: To complete the electric plant at the Boston Navy-Yard, including United States steamer Wabash, one thousand five hundred dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For pumping plant for granite dock, forty thousand dollars; grading, paving, sidewalks, and sewers, ten thousand dollars; rebuilding construction and repair shipwright shed numbered forty-four, six thousand five hundred and thirty-four dollars; putting equipment paint shop in good condition, three thousand five hundred and seventy-five dollars; dredging, fifty-five thousand dollars; quay wall in Whitney basin (total estimated cost, one hundred and eleven thousand eight hundred and fifty-five dollars), twenty-five thousand dollars; heating apparatus for equipment rigging loft, one thousand two hundred and eighty-six dollars; extension of railroad system, ten thousand dollars, in all, one hundred and fifty-one thousand three hundred and ninety-five dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLNANIA: For continuation of the sea wall, twenty thousand dollars; dredging, ten thousand dollars; artesian wells, nine thousand dollars; sidewalks, three thousand five hundred dollars; one deck scow, two thousand dollars; for the construction of one steam tug, twenty-five thousand dollars; in all, sixty-nine thousand five hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For extension of quay wall, four thousand five hundred and sixty-nine dollars; extension of railroad track to store numbered two, three thousand two hundred and fifty dollars; roundhouse for yard locomotive and wrecking car, four thousand five hundred dollars; extension of electric-light plant, five thousand dollars; hydrants to conform to city standard one thousand five hundred and sixty dollars; new iron roof for foundry, thirty-three thousand dollars; in all, fifty-one thousand eight hundred and seventy-nine dollars.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall, twenty thousand dollars; sand lighter, two thousand dollars; derrick car, one thousand dollars; repairs to granite dock, fifteen thousand dollars; one deck scow, two thousand dollars; dredging in front of the navy-yard dock, six thousand and twelve dollars; the Secretary of the Navy is hereby authorized to exchange such of the land at the navy-yard, Norfolk, Virginia, being a part of a tract known as Saint Helena, (on the east side of the Elizabeth River) which the Government does not need, for a part of the adjoining tract, known as "Cedar Grove,"

and now belonging to private parties, upon such terms as may be determined upon by a board of officers, accepted by the present owners of Cedar Grove, and approved by them, as may in his opinion serve the best interests of the Government; in all, forty-six thousand and twelve dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For roadways, five thousand five hundred and seventy-two dollars; grading and drainage, six thousand dollars; extension of hydrant system, one thousand three hundred and eighty-five dollars; boundary fence, one thousand two hundred dollars; construction and repair shop, sixty thousand dollars; storage cisterns, three thousand seven hundred and fifty-eight dollars; in all, seventy-seven thousand nine hundred and fifteen dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For the construction of a steam tug at Mare Island Navy-yard, California, for the use of said yard, in addition to the sum of fifty thousand dollars authorized by the Act of July twenty-sixth, eighteen hundred and ninety-four, thirty thousand dollars;

Extension of quay wall toward coal shed (estimated cost, eighty-eight thousand three hundred and six dollars), ten thousand dollars; enlarging entrance to stone dry dock, twenty thousand seven hundred and thirty-six dollars; new caisson for stone dry dock, fifty-three thousand dollars; dredging, ten thousand dollars; three steam capstans for dry dock, five thousand nine hundred and seventy-one dollars, to be immediately available; railroad scales, one thousand six hundred and forty dollars; improvement of coppersmith shop, steam engineering, four thousand five hundred and twenty-seven dollars; yard roads, five thousand dollars; in all, one hundred and ten thousand eight hundred and seventy-four dollars.

DRY DOCK, PUGET SOUND NAVAL STATION, WASHINGTON: For continuation of dry dock, dredging, office building, and officers' quarters, to be made immediately available, two hundred and sixty thousand dollars; in all, two hundred and sixty thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: For purchase of additional lot for coal shed (twenty thousand dollars, or so much as may be necessary), twenty thousand dollars; coaling pier, forty thousand dollars; in all, sixty thousand dollars.

NAVAL ACADEMY.

FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: For continuing the grading and improvement of the property condemned under Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water front of the Academy, to be immediately available, ten thousand dollars.

NEW NAVAL OBSERVATORY.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds of New Naval Observatory, and filling ravine contiguous to boiler house to Massachusetts avenue extended, twelve thousand dollars;

NEW BUILDINGS: For quarters for observers, two buildings, at five thousand dollars each, ten thousand dollars;

In all, for New Naval Observatory, twenty-two thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, sixty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead, including the expense of disinterring, transportation, and burial at his late home in Cherokee, Iowa, of the remains of W. A. Lathrop, an apprentice, who died in the service of the United States steamer Concord, at Wuhu, China; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous; buildings and grounds of the United States Naval Museum of Hygiene, and for minor repairs on said buildings and grounds as may be required to properly receive and preserve the exhibits, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

AMBULANCES FOR NAVAL HOSPITALS: For supplying three naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand eight hundred dollars;

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given), and fresh water for drinking and cooking purposes, one mil-

lion and seventy-five thousand dollars; labor in general storehouses and paymasters' offices in navy-yards, including a chemist at two thousand dollars per annum, one hundred thousand dollars; in all, one million one hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other incidental expenses, forty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each: one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents:

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each: one assistant bookkeeper, at one thousand dollars: one assistant bookkeeper, at seven hundred and twenty dollars: three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each: one bill clerk, at one thousand dollars: one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem: one box maker, at three dollars per diem: one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem: one fireman, at two dollars per diem: one messenger, at two dollars and twenty-five cents per diem. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents: one messenger, at two dollars and twenty-five cents per diem; in all, twenty-eight thousand four hundred and sixty-one dollars and nine cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars: one assistant bookkeeper, at seven hundred and twenty dollars: in all, one thousand nine hundred and twenty dollars:

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars: one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars: one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, sixty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead, including the expense of disinterring, transportation, and burial at his late home in Cherokee, Iowa, of the remains of W. A. Lathrop, an apprentice, who died in the service of the United States steamer Concord, at Wuhu, China; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous; buildings and grounds of the United States Naval Museum of Hygiene, and for minor repairs on said buildings and grounds as may be required to properly receive and preserve the exhibits, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

AMBULANCES FOR NAVAL HOSPITALS: For supplying three naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand eight hundred dollars;

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations *to be stopped* on board ship and no credit for commutation therefor to *be given), and fresh* water for drinking and cooking purposes, one mil-

lion and seventy-five thousand dollars; labor in general storehouses and paymasters' offices in navy-yards, including a chemist at two thousand dollars per annum, one hundred thousand dollars; in all, one million one hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, and other incidental expenses, forty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, twenty-eight thousand four hundred and sixty-one dollars and nine cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand

and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents;

In all, civil establishment, Bureau of Supplies and Accounts, sixty-seven thousand five hundred and eighty-one dollars and nine cents; and no other fund appropriated by this Act shall be used in payment for such service.

Bureau of Construction and Repair.

Construction and repair of vessels: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers; pneumatic steerers; steam capstans, steam windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, nine hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford, or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

Civil establishment, Bureau of Construction and Repair: *Navy-yard*, Portsmouth, New Hampshire: For one clerk to naval con-

structor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

In all, civil establishment, Bureau of Construction and Repair, nineteen thousand nine hundred and seventy-two dollars and fifty cents; and no other fund appropriated by this Act shall be used in payment for such service.

Bureau of Steam Engineering.

Steam machinery: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers, distilling, refrigerating, and auxiliary machinery, preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, four hundred and twenty-five thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power; nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and forty thousand dollars.

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars.

STEAM MACHINERY (SPECIAL): To continue work on new machinery to replace present engines, boilers, and so forth, of United States steamship Chicago, two hundred thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, three thousand dollars;

In all, civil establishment, Bureau of Steam Engineering, eleven thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; two professors (assistants), namely, one of French and Spanish and one of English studies, history, and law, at two thousand two hundred dollars each; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, any assistant professor at the Naval Academy who has served as such for five years shall have the title and pay of a professor; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one boxing master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, one at one thousand two hundred dollars and one at one thousand dollars, respectively; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one *cockswain, at four* hundred and sixty-nine dollars and fifty cents; one *seaman in the de artment* of seamanship, at three hundred and ninety-

seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel of Naval Academy, three hundred dollars; in all, fifty-two thousand four hundred and seven dollars.

That the Secretary of the Navy shall have power to convene general courts-martial for the trial of naval cadets, subject to the same limitations and conditions now existing as to other general courts-martial, and to approve the proceedings and execute the sentences of such courts, except the sentences of suspension and dismissal, which, after having been approved by the Superintendent, shall not be carried into effect until confirmed by the President: *Provided*, That every Representative or Delegate in Congress whose district or Territory is not now represented at the Naval Academy for any cause by a cadet shall be permitted and authorized to recommend a candidate for appointment as a cadet at the Naval Academy of the United States, said recommendation to be made on or before the fourth day of March, eighteen hundred and ninety-five, subject to the qualifications now prescribed by law. Nothing herein contained shall be construed to increase the number of cadets at said Naval Academy as now provided by law.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and eighty-six dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, twenty thousand dollars.

CONTINGENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, *two thousand dollars;* purchase of gas and steam machinery,

steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; in all, forty-one thousand three hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, twenty captains, thirty first lieutenants, and twelve second lieutenants, one hundred and seventy-nine thousand three hundred and twenty dollars.

Pay of officers on the retired list: For three colonels, two lieutenant-colonels, one quartermaster, one adjutant and inspector, one assistant quartermaster, twelve captains, two first lieutenants, and three second lieutenants, fifty-four thousand eight hundred and forty dollars.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, and for the expenses of clerks of the United States Marine Corps traveling under orders, three hundred and eighty-one thousand eight hundred and forty-seven dollars and sixty-seven cents.

Pay and allowance for retired enlisted men: For one sergeant-major, one drum-major, three first-class musicians, nine first sergeants, seventeen sergeants, three corporals, two drummers, two fifers, and forty-two privates, and for those who may be retired during the year, twenty-seven thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-three thousand dollars: *Provided*, That no other fund appropriated by this Act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, eight thousand dollars.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars.

PAY OF CIVIL FORCE: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one

thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In all, for pay of civil force, seventeen thousand six hundred and thirty-seven dollars and ninety-eight cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned officers, musicians, and privates, and for commutation of rations to eleven enlisted men detailed as clerks and messengers; also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, ninety thousand dollars; and no law shall be construed to entitle enlisted marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For two thousand one hundred noncommissioned officers, musicians, and privates, eighty thousand dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, and for sales to officers, maintaining electric lights, and for hot-air closets, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; in all, three thousand two hundred and ninety-seven dollars; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, ten thousand dollars; in all, thirteen thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of recruiting service, fifteen thousand dollars.

FOR REPAIRS OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California; Port Royal, South Carolina; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars; for hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillow cases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenter's tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers, purchase and repair of cooking stoves; ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows; wire bunk bottoms for enlisted men at the various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; in all, thirty thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract two seagoing coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about ten thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armament, not exceeding four million dollars each; and six light-draft composite gunboats of about one thousand tons displacement, to be fixed by the Secretary of the Navy, and no one of which shall cost more than two

hundred and thirty thousand dollars, or in all for said six gunboats, one million three hundred and eighty thousand dollars, exclusive of armament, and not more than two of said gunboats shall be built in one yard, or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder; and three torpedo boats, at a cost of not exceeding one hundred and seventy-five thousand dollars each; and, subject to the provisions hereinafter made, one seagoing battle ship and one of said torpedo boats shall be built on or near the coast of the Pacific Ocean, or in the waters connecting therewith, and one torpedo boat on the Mississippi River, and one torpedo boat on the coast of the Gulf of Mexico; and in the construction of all said vessels all of the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said Act, save that in all their parts said vessels shall be of domestic manufacture: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for the contracts for either of said torpedo boats, and for one of the foregoing battle ships to be built on the Pacific Coast, when the same shall be opened and examined by him, that the said torpedo boats or battle ships can not be constructed at a fair cost at the places fixed in the proposals and biddings, he may authorize the construction of said torpedo boats, or any of them, or the battleship the biddings for which provide for building upon the Pacific Coast, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided; and any of the ships, gunboats, and torpedo boats provided for in this Act may be constructed of steel or other metal, or of alloy, except where it is otherwise provided in this Act, and one of said battle ships shall be named Kearsarge.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of August third, eighteen hundred and eighty-six; of the vessels authorized by the Act approved March second, eighteen hundred and eighty-nine; of those authorized by the Act of June thirtieth, eighteen hundred and ninety; of the one authorized by the Act of March second, eighteen hundred and ninety-one; of those authorized by the Act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorized by the Act of March third, eighteen hundred and ninety-three; and of the three torpedo boats, Act of July twenty-sixth, eighteen hundred and ninety-four, and of the vessels authorized under this Act, four million eight hundred and thirty-seven thousand six hundred and seventy dollars, of which sum two million dollars is to be made immediately available.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, eight million three hundred and forty-two thousand four hundred and twenty-two dollars, of which sum two million dollars is to be made immediately available.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, one hundred and

twenty-five thousand dollars. To pay the contractors for the construction of the machinery of the United States steamship Maine for earned premium over and above the contract horse power, twenty-two thousand four hundred and twenty-nine dollars and thirty cents, this amount being due under contract of April third, eighteen hundred and eighty-nine, and authorized by Act of Congress August third, eighteen hundred and eighty-six.

That the Secretary of the Navy is hereby authorized and required to remit to N. F. Palmer, junior, and Company, of New York City, the time penalties exacted by the Navy Department under the contracts with said company for the construction of gunboat numbered three, known as the Concord, and gunboat numbered four, known as the Bennington, the United States having suffered no damage by the delay in the construction of the said gunboats.

The Secretary of the Navy is hereby authorized and directed to audit and adjust the the claim of Richmond Locomotive and Machine Works, of Richmond, Virginia, against the Government of the United States, for damages and losses sustained by the said Richmond Locomotive and Machine Works in the execution of the contract to construct and deliver the machinery required for the United States battle ship Texas, caused by the delays of the Government of the United States in the construction of the hull of said battle ship Texas, and to report to Congress at its next session what amount may be due to said Richmond Locomotive and Machine Works.

The Secretary of the Navy is hereby authorized and required to remit the time penalties on the Yorktown, Baltimore, Philadelphia, and Newark, and forty thousand three hundred and fifty dollars is hereby appropriated for this purpose.

To pay to the parties who may be found entitled to receive the same any balance that may be due and unpaid on account of the purchase money of the steamers De Soto and Bienville, purchased by the United States from the New York and New Orleans Steamship Company, by authority of an Act of Congress approved July eighteenth, eighteen hundred and sixty-one, forty-one thousand seven hundred and one dollars and ninety-five cents.

COLUMBIAN MUSEUM, CHICAGO, ILLINOIS.

That the Secretary of the Navy be, and he hereby is, authorized to transfer to the trustees of the Columbian Museum of Chicago the reproductions of the caravals of Columbus, the Santa Maria, Nina, and Pinta, which were exhibited at the World's Columbian Exposition.

An Act entitled "An Act to amend 'An Act to amend section forty-four hundred of title fifty-two of the Revised Statutes of the United States, concerning the regulation of steam vessels,' approved August seventh, eighteen hundred and eighty-two; and also to amend section forty-four hundred and fourteen, title fifty-two, of the Revised Statutes, 'Regulation of steam vessels,'" approved March first, eighteen hundred and ninety-five, is hereby amended by striking therefrom the words "Jacksonville, Florida; Bangor, Maine; and New Haven, Connecticut;" where said words occur in the ninth paragraph of the second section thereof, following the word "Illinois" and inserting the same in the second paragraph of section two of said Act after the word "Illinois."

Approved. March 2, 1895.

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-seven, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety-seven, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and boys, including men in the engineers' force and for the Coast Survey Service and Fish Commission, nine thousand two hundred and fifty men and seven hundred and fifty boys, at the pay prescribed by law; and the Secretary of the Navy is hereby authorized to enlist at any time after the passage of this Act as many additional men as in his discretion he may deem necessary, not to exceed one thousand, eight million one hundred thousand eight hundred and seventy-three dollars: *Provided*, That the Secretary of the Navy be, and he is hereby, authorized to permit officers of the Navy and the Marine Corps to make allotments from their pay, under such regulations as he may prescribe, for the support of their families or relatives, for their own savings, or for other proper purposes, during such time as they may be absent at sea, on distant duty, or under other circumstances warranting such action: *Provided further*, That all officers who have been or may be appointed to any corps of the Navy or to the Marine Corps after service in a different corps of the Navy or of the Marine Corps shall have all the benefits of their previous service in the same manner as if said appointments were a reentry into the Navy or into the Marine Corps: *Provided further*, That such surgeons in the Navy not in line of promotion as may have been appointed to that position in accordance with a special act of Congress for meritorious services during yellow fever epidemics shall have all the benefits of their previous service in the same manner as if said appointments were a reentry into the Navy: *And provided further*, That hereafter no payment shall be made from appropriations made by Congress to any officer in the Navy or Marine Corps on the active or retired list while such officer is employed, after June thirtieth, eighteen hundred and ninety-seven, by any person or company furnishing naval supplies or war material to the Government; and such employment is hereby made unlawful after said date.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States,

and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary incidental expenses, two hundred and sixty thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, at forty-five dollars each, thirty-three thousand seven hundred and fifty dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT, BUREAU OF NAVIGATION: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, forty-five thousand dollars.

NAVAL STATION, NEWPORT, RHODE ISLAND: For maintenance of office of commandant; fuel, stationery, books, furniture, freight, and other contingent expenses, one thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements on buildings, heating, lighting, and furniture for same; books and stationery, freight and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same; and purchase of fresh water, thirty thousand dollars; installing water supply from city waterworks, two thousand five hundred dollars; in all, thirty-two thousand five hundred dollars, to be immediately available.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars, nine thousand two hundred dollars;

For the proper preservation, cementing, and reenforcing cellar walls; repairing window casings, floors, and door casings; a water tank in attic for use in case of fire, and a rain-water cistern and pumps, two thousand dollars; in all, eleven thousand two hundred dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars; maintenance of new proving ground, five thousand dollars;

Reserve supply of guns for ships of the Navy, two hundred and fifty thousand dollars;

Reserve supply of projectiles for ships of the Navy, two hundred thousand dollars;

Additional supply of torpedoes, one hundred and forty-two thousand dollars;

For testing methods of throwing high explosives from guns on board ship with the ordinary velocities, fifty thousand dollars;

In all, eight hundred and forty-two thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, four hundred thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

GUN PLANT, NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For cupolas and blowers, traveling crane and runways, swing cranes, blower engines, and iron elevators, and for installing and connecting the same in the brass and iron foundry, fifty thousand dollars.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: For construction of new brick or stone buildings in place of the present wooden ones, fifty thousand dollars.

NAVAL MAGAZINE, DOVER, NEW JERSEY: For introduction of water supply for the new naval magazine at Dover, New Jersey, fifteen thousand dollars, which sum shall be immediately available.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats; instruction; instruments; tools; furniture; experiments, and general torpedo outfits, sixty thousand dollars; extending sea wall, fifteen thousand dollars; in all, seventy-five thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, fifty thousand dollars. And the Secretary of the Navy shall detail a clerk of class one to perform clerical services in the Navy Department necessary to carry on the work incident to this appropriation.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage, and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, eighteen thousand four hundred and eighty-nine dollars and fifty cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, twenty-nine thousand three hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steaming purposes; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million three hundred and twelve thousand one hundred and forty-seven dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars; in all, four thousand five hundred dollars;

Navy yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the board of labor employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, nineteen thousand

six hundred and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yard; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, twelve thousand dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; incidental labor at navy-yards; water tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes, two hundred and sixty-five thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifteen thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, four hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; in all, five thousand eight hundred and eighty-five dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; one master of tugs, at one thousand two hundred dollars; in all, six thousand five hundred and eighty-three dollars and seventy-six cents:

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers,

at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, sixteen thousand five hundred and forty-one dollars and fifty cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and seventy-eight dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; in all, four thousand four hundred and seventy-eight dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty-eight dollars and sixty-three cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician, one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars.

In all, civil establishment, Bureau of Yards and Docks, sixty-one thousand four hundred and eighty-six dollars and four cents; and no other fund appropriated by this Act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and nine-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waiter, at one hundred and ninety-two dollars; eight waiters, at one

hundred and sixty-eight dollars each; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and lighting, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, seven hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, seven thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty-six thousand nine hundred and fifty dollars; in all, for Naval Home, seventy-nine thousand seven hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, BOSTON, MASSACHUSETTS: For cart shed (alteration of building numbered fifty-six), four thousand five hundred dollars.

Two boilers for electric-light plant, four thousand five hundred dollars; in all, nine thousand dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For wing and quay walls of dry dock numbered three, to be immediately available, sixty thousand dollars; grading, paving, sidewalks, and sewers, ten thousand dollars; quay wall for coal dock, forty thousand dollars; quay wall, Whitney Basin, twenty-five thousand dollars; in all, one hundred and thirty-five thousand dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For dredging and filling in, thirty thousand dollars; water-closets for yard, five thousand five hundred and eighty dollars; lightning rods and sidewalks, two thousand dollars; in all, thirty-seven thousand five hundred and eighty dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For roof trusses and roof for entire quadrangle building, fifty-nine thousand four hundred and eleven dollars and seventy-seven cents; alterations of north end of west side quadrangle building, to be made immediately available, fifteen thousand six hundred and fifty-seven dollars and forty-four cents; building sentry boxes at east gate and south end, one hundred dollars; building for paint shop and inflammable material, two thousand five hundred dollars; in all, seventy-seven thousand six hundred and sixty-nine dollars and twenty-one cents.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall (continuation of), fifteen thousand dollars; boiler for electric plant (including shed and connections), nine thousand dollars; quay wall north end of timber basin, twenty thousand dollars; in all, forty-four thousand dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For chemical fire engine, six hundred and fifty dollars; lightning conductors, five hundred and thirty-two dollars; artesian well, fifteen thousand dollars; dredging channel opposite station, one hundred and fifty thousand dollars; steel tower and tank, four thousand dollars; storehouse, ten thousand dollars; purchase of land adjoining the naval station, five thousand

dollars; in all, one hundred and eighty-five thousand one hundred and eighty-two dollars.

NAVAL STATION, KEY WEST, FLORIDA: For sea wall, three thousand four hundred dollars; dredging, three thousand dollars; in all, six thousand four hundred dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For extension of quay wall, thirty thousand dollars; guard chains about stone dry dock, one thousand four hundred and seventy dollars and fifty-seven cents; grading and paving, ten thousand dollars; removing board sidewalks and extending roads, fifteen thousand six hundred and eighty-five dollars; ship fitters' shed, thirty thousand dollars; storage shed for construction and repair, ten thousand one hundred and thirty-nine dollars; in all, ninety-seven thousand two hundred and ninety-four dollars and fifty-seven cents.

DRY DOCK, PUGET SOUND NAVAL STATION, WASHINGTON: For construction and repair shops at dry dock, sixty thousand dollars; storehouse, twenty thousand dollars; two steel tanks, eleven thousand nine hundred and eighty dollars; water main, and purchase of land adjoining station containing a spring for water supply, four thousand dollars; clearing the grounds about the station, five thousand two hundred and fifty dollars; in all, one hundred and one thousand two hundred and thirty dollars.

NAVAL ACADEMY.

FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: For two double houses for quarters for four officers and instructors, thirty thousand dollars, to be immediately available; two water-closets for cadet quarters, at two thousand five hundred dollars each, five thousand dollars, to be immediately available; in all, thirty-five thousand dollars.

To pave Hanover street from Maryland avenue to Wagner street, Wagner street from Hanover street to King George street, and King George street from College avenue to College or Graveyard Creek, in the city of Annapolis, Maryland, eight thousand dollars, in addition to the sum of thirteen thousand dollars made by the naval appropriation act approved July twenty-sixth, eighteen hundred and ninety-four, which is hereby continued available for the same purpose.

That the Board of Visitors of the Naval Academy, when visiting said Academy in eighteen hundred and ninety six, shall fully examine into and report to the Secretary of the Navy and to Congress, the availability and desirability of acquiring as an annex to the grounds of said Academy, so much of the property adjoining thereto in the city of Annapolis, as is situate between the north side of Hanover street, the east side of Governor street, the north side of King George street, and the west side of Holland street, and the probable cost thereof by purchase or by condemnation for public use.

NEW NAVAL OBSERVATORY.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds of new Naval Observatory, ten thousand dollars.

New buildings: For increase of appropriation (Act of March second, eighteen hundred and ninety-five) "for quarters for observers, two buildings, a five thousand dollars each, ten thousand dollars," two thousand five hundred dollars.

Repairs to main building, one thousand eight hundred dollars, to be immediately available; in all, fourteen thousand three hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, sixty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

That brick material be allowed for construction of ward at naval hospital, Brooklyn, New York, authorized by Act approved July twenty-sixth, eighteen hundred and ninety-four.

For construction of a similar additional ward to increase needed capacity of hospital, twenty-five thousand dollars, which sum shall be paid from that portion of the naval hospital fund accruing from the sale of naval hospital grounds to the city of Brooklyn, and placed to the credit of the naval hospital fund in pursuance of the provisions of the Act approved July second, eighteen hundred and ninety.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

AMBULANCES FOR NAVAL HOSPITALS: For supplying two naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand two hundred dollars.

NAVAL CEMETERY, NAVY-YARD, MARE ISLAND, CALIFORNIA: Labor and material for widening of approaches, and repairing and painting all gates and fences; for making graveled roads and paths; building a wall at the foot of the upper terrace, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers *of messes, in cases of* death or desertion, upon orders of the command-

ing officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given), and fresh water for drinking and cooking purposes, one million two hundred and seventy-five thousand dollars; labor in general storehouses and paymasters' offices in navy-yards, including expenses of handling stores purchased under the naval supply fund, a chemist at two thousand dollars per annum, one hundred and thirty thousand dollars; in all, one million four hundred and five thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, transportation of stores purchased under the naval supply fund, and other incidental expenses, fifty thousand dollars.

And the Secretary of the Navy is hereby authorized and directed to cause advertisement to be made for tobacco for the use of the Navy, as the needs of the service may require, in the manner prescribed by law for other supplies. Bidders shall submit with their proposals a sample of the tobacco which they propose to furnish, and the contract shall, in the discretion of the Department, be awarded to the bidder whose sample is found by a board of officers to be best adapted for use in the Navy.

And the Secretary of the Treasury is hereby authorized and directed to cause the general account of advance to be charged with the sum of three hundred thousand dollars in addition to the sum of two hundred thousand dollars provided in the Act approved March third, eighteen hundred and ninety-three, making in all, five hundred thousand dollars, which amount shall be carried to the credit of the permanent naval supply fund, to be used under the direction of the Secretary of the Navy in the purchase of ordinary commercial supplies for the naval service, and to be reimbursed from the proper naval appropriations, whenever the supplies purchased under said funds are issued for use.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars;

three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one firemen, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, twenty-eight thousand four hundred and twelve dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents;

In all, civil establishment, Bureau of Supplies and Accounts, sixty-seven thousand five hundred and thirty-two dollars and three cents, and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam

capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, one million two hundred and fifty thousand dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

For repairs and other work urgently required on the Miantonomah, Bennington, Baltimore, Petrel, Mohican, Ranger, Atlanta, Vesuvius; tugs Fortune and Standish; to strip the Pensacola and Swatara, ordered to be sold; for boats and steam cutters, docking and painting ships, supplies needed for navy-yards, stores and supplies for ships fitting out and in commission, and miscellaneous work authorized on vessels but deferred for lack of funds, three hundred and fifty thousand dollars additional, to be immediately available: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

Repairs to United States steamship Hartford: Repairs to the United Stated steamship Hartford, one hundred thousand dollars.

Steam tug, navy-yard, League Island, Pennsylvania: Completion of steam tug numbered five, for navy-yard, League Island, Pennsylvania, eight thousand dollars, to be immediately available.

Repairs to the United States steamship Chicago, two hundred and fifty thousand dollars.

For making plans, examining and preparing the ground and other preliminary work toward the construction of a model tank, with all buildings and appliances, to be built upon the grounds of the navy yard at Washington, District of Columbia, under the Bureau of Construction and Repair of the Navy Department, which shall conduct therein the work of investigating and determining the most suitable and desirable shapes and forms to be adopted for United States naval vessels, seven thousand five hundred dollars: *Provided*, That upon the authorization of the Secretary of the Navy experiments may be made at this establishment for private shipbuilders, who shall defray the cost of material and of labor of per diem employees for such experiments: *And provided further*, That the results of such private experiments shall be regarded as confidential and shall not be divulged without the consent of the shipbuilder for whom they may be made.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

In all, civil establishment, Bureau of Construction and Repair, nineteen thousand nine hundred and seventy-two dollars and fifty cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels, repair and care of machinery of yard tugs and launches, four hundred and twenty-five thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home;

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two hundred and ninety-three thousand five hundred dollars, of which sum thirty thousand dollars is made immediately available for new iron boiler tubes for the New York, Columbia, and Minneapolis;

For incidental expenses for naval vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars;

In all, steam machinery, seven hundred and twenty-eight thousand five hundred dollars.

STEAM MACHINERY (SPECIAL): To continue work on new machinery to replace present engines, boilers, and so forth, of United States steamship *Chicago, one hundred* and fifty thousand dollars;

To replace present boilers of United States steamship Atlanta with new boilers, and for repairs to engines and machinery, one hundred thousand dollars, to be made immediately available;

To replace present boilers of United States steamship Dolphin with new boilers, sixty thousand dollars, to be made immediately available;

To commence new machinery to replace present engines, boilers, and so forth, of United States steamship Hartford, seventy-five thousand dollars;

To complete new machinery for steam tug for League Island Navy-Yard, eight thousand dollars;

The Secretary of the Navy is hereby authorized to transfer to the Enterprise one of the two boilers of the Galena, now at the navy-yard at Portsmouth, New Hampshire: *Provided*, That all expenses incurred in the installation of such boiler in the Enterprise shall be borne by the State of Massachusetts;

In all, steam machinery (special), three hundred and ninety-three thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; writer, at one thousand dollars; messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars;

Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, three thousand dollars;

In all, civil establishment, Bureau of Steam Engineering, eleven thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

The Secretary of the Navy is hereby authorized and directed to examine claims against the Government which may be presented to him by contractors for the building of the hulls or machinery of naval vessels under contracts completed since January first, eighteen hundred and ninety-one, where it is alleged that such contractors have been subjected to loss and damage through delays in the work under said contracts which were not the fault of said contractors, but were due to the action of the Government, and to report to the next session of Congress the result of said investigation, and whether said claims are, in his opinion, subjects for the jurisdiction of the Court of Claims or for the action of Congress upon the same.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, and one of physics, at two thousand five hundred dollars each; one of English studies, history, and law (after thirty years' service), two thousand five hundred dollars; five professors, namely, one of French and Spanish, one of English studies, history, and law, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of French, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel, three hundred dollars; in all, fifty-four thousand five hundred and seven dollars.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and

fixtures, twenty-one thousand dollars; continuing the grading and improvement of the property condemned under Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water front of the Academy, to be immediately available, fifteen thousand dollars; necessary dredging along the river front of Naval Academy, to be immediately available, five thousand dollars; constructing main sewer and connections, fifteen thousand dollars; in all, fifty-six thousand dollars.

HEATING AND LIGHTING NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; one portrait of the fourteenth Superintendent of the Naval Academy, one hundred dollars; one steam fire engine to replace one condemned by survey, four thousand dollars; for contingencies for the Superintendent of the Academy, one thousand dollars; in all, forty-six thousand four hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, twenty captains, thirty first lieutenants, and thirteen second lieutenants, one hundred and eighty thousand eight hundred and sixty dollars.

Pay of officers on the retired list: For two colonels, two lieutenant-colonels, one adjutant and inspector, thirteen captains, two first lieutenants, and three second lieutenants, forty-seven thousand three hundred and ninety-two dollars and fifty cents.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand six hundred privates, and for the expenses of clerks of the United States Marine Corps traveling under orders, three hundred and eighty-one thousand eight hundred and forty-seven dollars and sixty-seven cents.

Pay of ten sergeants, forty corporals, twelve drummers, twelve fifers, and four hundred and twenty-six privates, to be enlisted in accordance

with the provisions of section fifteen hundred and ninety-six, Revised Statutes, seventy-four thousand five hundred and sixty dollars, to be immediately available.

Pay and allowance for retired enlisted men: For one sergeant-major, two drum majors, four first-class musicians, ten first sergeants, eighteen sergeants, three corporals, one drummer, two fifers, and forty-two privates, and for those who may be retired during the year, twenty-seven thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-three thousand dollars: *Provided*, That no other fund appropriated by this Act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, eight thousand dollars. And hereafter officers of the Marine Corps traveling under orders without troops shall be allowed the same mileage as is now allowed officers of the Navy traveling without troops.

Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thousand dollars.

PAY OF CIVIL FORCE: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In all, for pay of civil force, seventeen thousand six hundred and thirty-six dollars and twenty-three cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand one hundred noncommissioned officers, musicians, and privates, and for commutation of rations to eleven enlisted men detailed as clerks and messengers; also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, ninety thousand dollars; and no law shall be construed to entitle enlisted *marines on* shore duty to any rations or commutation therefor other *than such as now* are or may hereafter be allowed to enlisted men *in the Army.*

For five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, thirty thousand six hundred and forty-two dollars and seventy-five cents, to be immediately available.

CLOTHING, MARINE CORPS: For two thousand one hundred noncommissioned officers, musicians, and privates, eighty thousand dollars.

For five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, seventeen thousand two hundred and fifty-five dollars, to be immediately available.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; in all, three thousand two hundred and ninety-seven dollars; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, ten thousand dollars; in all, thirteen thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of recruiting service, fifteen thousand dollars: *Provided*, That the provisions of the clause contained in the Act of Congress approved March third, eighteen hundred and seventy-nine, authorizing the Secretary of the Treasury to make such entries upon the books of the Department as will carry to the credit of certain railroad companies named in said Act amounts earned or to be earned by them during each fiscal year on account of transportation of the Army and transportation of the mails be, and the same are hereby, extended and made applicable to the transportation of the Navy and the Marine Corps.

FOR REPAIRS OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California; Port Royal, South Carolina; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartemaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For alterations and repair of marine barrack and other public buildings, relaying walks and gas and water pipes at navy-yard, Mare Island, California, four thousand dollars.

For the erection of officers' quarters at Sitka, Alaska, two thousand five hundred *dollars; for the* erection of officers' quarters at Newport,

Rhode Island, five thousand dollars; in all, seven thousand five hundred dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and for the leader of the Marine Band, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars; for hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows; wire bunk bottoms for enlisted men at the various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, thirty thousand dollars.

For iron bedsteads, mattresses, mattress covers, pillows, clothing boxes, and other articles, for five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, three thousand dollars, to be immediately available.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about eleven thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armament, not exceeding three million seven hundred and fifty thousand dollars each; and three torpedo boats, to have a maximum speed of not less than thirty knots, to cost in all not exceeding eight hundred thousand dollars; and not to exceed ten torpedo boats to cost in all not exceeding five hundred thousand dollars, and to have the highest practicable speed for vessels of their class; and not more than two of said battle ships and not more than three of said torpedo boats shall be built in one yard or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder; and in the construction of all said vessels all of the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said Act, save that in all their parts said vessels shall be of domestic manufacture; and, subject to the provisions hereinafter made, one and not more than one seagoing battle ship and three of said torpedo boats shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith, provided that said battle ship or torpedo boats can be constructed at an additional cost not exceeding four per centum of the lowest accepted bid for the other battle ships or torpedo boats provided for in this Act, and one torpedo boat on the Mississippi River, one torpedo boat on the coast of the Gulf of Mexico, and one torpedo boat on the Missouri River: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, that said vessels can not be constructed at a fair cost on or near the coast of the Pacific Ocean, on the Mississippi or Missouri River or the Gulf of Mexico, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided: *Provided further*, That the contracts for the construction of the vessels herein provided for shall be made within one hundred and twenty days from the passage of this Act: *And provided further*, That the Secretary of the Navy is hereby directed to examine into the actual cost of armor plate and the price for the same which should be equitably paid and shall report the result of his investigation to Congress at its next session at a date not later than January first, eighteen hundred and ninety-seven, and no contract for armor plate for the vessels authorized by this Act shall be made till after such report is made to Congress for its action.

The Secretary of the Navy is hereby authorized to contract for the building of two submarine torpedo boats of the Holland type, at a cost

not exceeding one hundred and seventy-five thousand dollars each; said boats to be constructed and delivered to the Navy Department within four months from the date of contract: *Provided*, That the Holland boat now being built for the Department shall be accepted by the Department as fulfilling all the requirements of the contract, and as being satisfactory to the Secretary of the Navy; but no action shall be taken thereon until said Holland boat now being built for the Department shall have been fully tested to the satisfaction of the Secretary of the Navy, and thereupon accepted.

CONSERVATION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, [illegible] authorized under this Act, six million eight hundred [illegible] thousand six hundred dollars.

[illegible]: Toward the armament and armor of domes- [illegible] for the vessels authorized by the Act of August third, [illegible] hundred and eighty-six; of those authorized by the Act of [illegible], eighteen hundred and ninety; of those authorized by [illegible] nineteenth, eighteen hundred and ninety-two; and of [illegible] authorized by the Act of March third, eighteen hundred [illegible] of the three torpedo boats, Act of July twenty-sixth, [illegible] hundred and ninety-four; of the vessels authorized under the [illegible] March second, eighteen hundred and ninety-five, and of the [illegible] authorized under this Act, four million three hundred and [illegible] one thousand four hundred and fifty-four dollars.

[illegible]: Toward the completion of the equipment outfit of the [illegible] vessels heretofore authorized by Congress, two hundred and thirty- [illegible] thousand dollars.

SEC. 8. That the Secretary of the Navy is hereby directed to examine, through a board composed of line and staff officers, into the merits of any system presented for the propulsion of vessels by direct action against the water without the use of screws, in comparision with the steam engine and the propeller, and into the relative efficiency of the two methods as to displacement, waste of fuel, liability to accidents, and speed endurance, and also into the applicability and special advantages of the direct system in connection with torpedo boats and coast-defense vessels.

Approved, June 10, 1896.

and Torpedo School on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars;

To complete installation of standpipes for fire hose and connections; complete window-casing repairs; rain-water cisterns, pumps, and tanks; leveling grounds about college, sodding, two thousand dollars;

In all, Naval War College and Torpedo School, eleven thousand two hundred dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars; maintenance of new proving ground, five thousand dollars; in all, two hundred thousand dollars.

The Secretary of the Navy is hereby authorized and required to pay to the patentee the twenty-five thousand dollars appropriated in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes," approved March second, eighteen hundred and ninety-five, said Act providing "for the exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by patent numbered five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three, and signed by the Secretary of the Navy and the patentee."

Modern battery for the Hartford, one hundred and fifty thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars; continuing extension of sea wall, five thousand dollars; enlarging boiler house, and two new boilers, six thousand five hundred dollars; in all, seventy-one thousand five hundred dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, fifty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves,

quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, three hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, at forty-five dollars each, thirty-three thousand seven hundred and fifty dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, forty-five thousand dollars.

NAVAL STATION, NEWPORT, RHODE ISLAND: For maintenance of office of commandant; fuel, stationery, books, furniture, freight, and other contingent expenses, one thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements to buildings, heating, lighting, and furniture for same; books and stationery, freight and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same; and purchase of fresh water, thirty thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL, COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College

and Torpedo School on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars;

To complete installation of standpipes for fire hose and connections; complete window-casing repairs; rain-water cisterns, pumps, and tanks; leveling grounds about college, sodding, two thousand dollars;

In all, Naval War College and Torpedo School, eleven thousand two hundred dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars; maintenance of new proving ground, five thousand dollars; in all, two hundred thousand dollars.

The Secretary of the Navy is hereby authorized and required to pay to the patentee the twenty-five thousand dollars appropriated in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes," approved March second, eighteen hundred and ninety-five, said Act providing "for the exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by patent numbered five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three, and signed by the Secretary of the Navy and the patentee."

Modern battery for the Hartford, one hundred and fifty thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars; continuing extension of sea wall, five thousand dollars; enlarging boiler house, and two new boilers, six thousand five hundred dollars; in all, seventy-one thousand five hundred dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, fifty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves,

machinery, and other objects of the like character, thirty thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage, and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, eighteen thousand four hundred and eighty-nine dollars and fifty cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, twenty-nine thousand three hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steaming purposes; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials

in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million four hundred and fifty-eight thousand one hundred and seventeen dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; in all, two thousand six hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the board of labor employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, fifteen thousand five hundred and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, fifteen thousand dollars.

FLAGS OF MARITIME NATIONS: The Secretary of the Navy is authorized to contract at once with a lithographic or color printing establishment having ample facilities for the suitable and satisfactory execution thereof for the printing of a new edition, to consist of five thousand copies, of the book of "Flags of Maritime Nations," of which number one thousand copies shall be for use of the Navy Department and three hundred copies for the use of the Revenue-Cutter Service; and the remaining copies shall be delivered to the superintendent of public documents for distribution to the Senate and House of Representatives, one thousand two hundred copies to the Senate and two thousand five hundred copies to the House of Representatives.

Rhode Island, five thousand dollars; in all, seven thousand five hundred dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, two thousand eight hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and for the leader of the Marine Band, and assistant quartermaster's offices, Philadelphia, Pennsylvania, at twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars; for hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows; wire bunk bottoms for enlisted men at the various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, thirty thousand dollars.

For iron bedsteads, mattresses, mattress covers, pillows, clothing boxes, and other articles, for five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, three thousand dollars, to be immediately available.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about eleven thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armament, not exceeding three million seven hundred and fifty thousand dollars each; and three torpedo boats, to have a maximum speed of not less than thirty knots, to cost in all not exceeding eight hundred thousand dollars; and not to exceed ten torpedo boats to cost in all not exceeding five hundred thousand dollars, and to have the highest practicable speed for vessels of their class; and not more than two of said battle ships and not more than three of said torpedo boats shall be built in one yard or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder; and in the construction of all said vessels all of the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said Act, save that in all their parts said vessels shall be of domestic manufacture; and, subject to the provisions hereinafter made, one and not more than one seagoing battle ship and three of said torpedo boats shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith, provided that said battle ship or torpedo boats can be constructed at an additional cost not exceeding four per centum of the lowest accepted bid for the other battle ships or torpedo boats provided for in this Act, and one torpedo boat on the Mississippi River, one torpedo boat on the coast of the Gulf of Mexico, and one torpedo boat on the Missouri River: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, that said vessels can not be constructed at a fair cost on or near the coast of the Pacific Ocean, on the Mississippi or Missouri River or the Gulf of Mexico, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided: *Provided further*, That the contracts for the construction of the vessels herein provided for shall be made within one hundred and twenty days from the passage of this Act: *And provided further*, That the Secretary of the Navy is hereby directed to examine into the actual cost of armor plate and the price for the same which should be equitably paid and shall report the result of his investigation to Congress at its next session at a date not later than January first, eighteen hundred and ninety-seven, and no contract for armor plate for the vessels authorized by this Act shall be made till after such report is made to Congress for its action.

The Secretary of the Navy is hereby authorized to contract for the building of two submarine torpedo boats of the Holland type, at a cost

not exceeding one hundred and seventy-five thousand dollars each; said boats to be constructed and delivered to the Navy Department within four months from the date of contract: *Provided*, That the Holland boat now being built for the Department shall be accepted by the Department as fulfilling all the requirements of the contract, and as being satisfactory to the Secretary of the Navy; but no action shall be taken therein until said Holland boat now being built for the Department shall have been fully tested to the satisfaction of the Secretary of the Navy, and thereupon accepted.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, and of the vessels authorized under this Act, six million eight hundred and seventy thousand six hundred dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of August third, eighteen hundred and eighty-six; of those authorized by the Act of June thirtieth, eighteen hundred and ninety; of those authorized by the Act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorized by the Act of March third, eighteen hundred and ninety-three; of the three torpedo boats, Act of July twenty-sixth, eighteen hundred and ninety-four; of the vessels authorized under the Act of March second, eighteen hundred and ninety-five, and of the vessels authorized under this Act, four million three hundred and seventy-one thousand four hundred and fifty-four dollars.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, two hundred and thirty-seven thousand dollars.

SEC. 2. That the Secretary of the Navy is hereby directed to examine, through a board composed of line and staff officers, into the merits of any system presented for the propulsion of vessels by direct action against the water without the use of screws, in comparision with the steam engine and the propeller, and into the relative efficiency of the two methods as to displacement, waste of fuel, liability to accidents, and speed endurance, and also into the applicability and special advantages of the direct system in connection with torpedo boats and coast-defense vessels.

Approved, June 10, 1896.

FIFTY-FOURTH CONGRESS, SECOND SESSION—MARCH 3, 1897.

[PUBLIC—No. 128.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety-eight, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of eleven thousand petty officers, seamen, landsmen, and boys, including men in the engineers' force and for the Coast Survey Service and Fish Commission, and of seven hundred and fifty boys under training at training stations and on board training ships, at the pay prescribed by law, eight million two hundred and thirty-five thousand three hundred and eighty-five dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks,

quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, three hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, six thousand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

BOUNTIES FOR OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, at forty-five dollars each, thirty-three thousand seven hundred and fifty dollars.

RECRUITING, TRANSPORTATION, AND CONTINGENT: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, forty-five thousand dollars.

NAVAL STATION, NEWPORT, RHODE ISLAND: For maintenance of office of commandant; fuel, stationery, books, furniture, freight, and other contingent expenses, one thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements to buildings, heating, lighting, and furniture for same; books and stationery, freight and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same; and purchase of fresh water, thirty thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL, COASTERS HARBOR *ISLAND, RHODE ISLAND*: For maintenance of the Naval War College

and Torpedo School on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars;

To complete installation of standpipes for fire hose and connections; complete window-casing repairs; rain-water cisterns, pumps, and tanks; leveling grounds about college, sodding, two thousand dollars;

In all, Naval War College and Torpedo School, eleven thousand two hundred dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving ground, one hundred and eighty thousand dollars; expenses of target practice, fifteen thousand dollars; maintenance of new proving ground, five thousand dollars; in all, two hundred thousand dollars.

The Secretary of the Navy is hereby authorized and required to pay to the patentee the twenty-five thousand dollars appropriated in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes," approved March second, eighteen hundred and ninety-five, said Act providing "for the exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by patent numbered five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three, and signed by the Secretary of the Navy and the patentee."

Modern battery for the Hartford, one hundred and fifty thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty thousand dollars; continuing extension of sea wall, five thousand dollars; enlarging boiler house, and two new boilers, six thousand five hundred dollars; in all, seventy-one thousand five hundred dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, fifty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves,

machinery, and other objects of the like character, thirty thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage, and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, eighteen thousand four hundred and eighty-nine dollars and fifty cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, twenty-nine thousand three hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steaming purposes; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials

in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million four hundred and fifty-eight thousand one hundred and seventeen dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; in all, two thousand six hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the board of labor employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, fifteen thousand five hundred and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, fifteen thousand dollars.

FLAGS OF MARITIME NATIONS: The Secretary of the Navy is authorized to contract at once with a lithographic or color printing establishment having ample facilities for the suitable and satisfactory execution thereof for the printing of a new edition, to consist of five thousand copies, of the book of "Flags of Maritime Nations," of which number one thousand copies shall be for use of the Navy Department and three hundred copies for the use of the Revenue-Cutter Service; and the remaining copies shall be delivered to the superintendent of public documents for distribution to the Senate and House of Representatives, one thousand two hundred copies to the Senate and two thousand five hundred copies to the House of Representatives.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; incidental labor at navy-yards; water tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, two hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; in all, five thousand eight hundred and eighty-five dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; one master of tugs, at one thousand two hundred dollars; in all, six thousand five hundred and eighty-three dollars and seventy-six cents;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, sixteen thousand five hundred and forty-one dollars and fifty cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thou-

sand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; in all, four thousand two hundred and seventy eight dollars;

Navy yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; in all, four thousand four hundred and seventy-eight dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty-eight dollars and sixty-three cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician, one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars;

Naval station, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one rodman inspector, at three dollars and fifty cents per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; in all, two thousand nine hundred and thirty-seven dollars and ninety cents;

Naval station, Port Royal, South Carolina: One clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; in all, two thousand six hundred and eighty six dollars and fifty cents;

In all, civil establishment, Bureau of Yards and Docks, sixty-seven thousand one hundred and ten dollars and forty-four cents; and no other fund appropriated by this Act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waiter, at

one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and lighting, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, seven hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, seven thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty-five thousand seven hundred and fifty dollars; in all, for Naval Home, seventy-eight thousand seven hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS—NAVY YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, BOSTON, MASSACHUSETTS: For swinging gates for dry dock, ten thousand dollars; additional culverts in caisson for filling dry dock, four thousand five hundred dollars; in all, fourteen thousand five hundred dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For quay wall, Whitney Basin, eighteen thousand dollars; dredging Wallabout Channel, thirty thousand dollars; quay wall, Wallabout Channel, ten thousand dollars; coal shed for dry dock, five thousand dollars; grading and sewering between dry dock and Clinton avenue, ten thousand dollars; grading and paving streets, five thousand dollars; latrines, eighteen thousand dollars; addition to electric plant, twelve thousand dollars; flushing-culverts in causeway (to be immediately available), twenty-five thousand dollars: *Provided*, That the Secretary of the Navy, after further investigation, shall be satisfied that the proposed plan for improving the sanitary conditions will be practicable and expedient; in all, one hundred and thirty-three thousand dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For new coping for dry dock, sixty-four thousand dollars; causeway across back channel (west wall), twenty thousand five hundred and forty-seven dollars; dredging fresh-water basin and filling in, one hundred thousand dollars; new boiler house for steam engineering, three thousand seven hundred and ninety five dollars; wharf crane, three thousand dollars; weighing scales, one thousand eight hundred and eighty dollars; in all, one hundred and ninety-three thousand two hundred and twenty-two dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For dredging in front of sea wall, three thousand eight hundred and sixty-one dollars; new scale house, one thousand two hundred and seventy-one dollars and eighty-two cents; in all, five thousand one hundred and thirty-two dollars and eighty-two cents.

NAVY-YARD, NORFOLK, VIRGINIA: For continuing extension of quay wall north of timber basin, ten thousand dollars; completing quay wall from timber basin to marine railway, ten thousand dollars; paving,

grading, and sewers, five thousand dollars; piping and engine for fire service, fifteen thousand dollars; renewing deteriorated parts of wooden dry dock numbered two, twenty thousand dollars; dredging, thirty-five thousand dollars; rebuilding blacksmith shop, thirty-five thousand dollars; in all, one hundred and thirty thousand dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For grading and drainage, seven thousand five hundred and seventy-nine dollars and twenty-five cents; railway track scales, five hundred dollars; storage cistern, three thousand seven hundred and fifty-seven dollars and eighty-eight cents; machinery to be placed in machine shop just completed, fifty thousand dollars; in all, sixty-one thousand eight hundred and thirty-seven dollars and thirteen cents.

NAVAL STATION, KEY WEST, FLORIDA: For sea wall from machine shop lot to extension of Eaton street, two thousand dollars; dredging along front of wharf and inside the L, three thousand dollars; new machine shop, thirty thousand dollars; in all, thirty-five thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For extension of quay wall, thirty thousand dollars; grading and paving about the stone dry dock, ten thousand dollars; dredging, twenty thousand dollars; dredging a channel in Mare Island Strait to enable all classes of naval vessels to reach the navy-yard, one hundred and fifty thousand dollars; completing coppersmith's shop, steam engineering, three thousand dollars; storage shed north of building numbered fifty-five, three thousand seven hundred and eighty-five dollars; in all, two hundred and sixteen thousand seven hundred and eighty-five dollars.

PUGET SOUND NAVAL STATION, WASHINGTON: For continuing clearing, stumping, and grading station, ten thousand dollars; wharf, sixty thousand dollars; filling in marsh, five thousand dollars; extension of brick discharge culvert, five thousand one hundred and forty-three dollars and sixty-two cents; in all, eighty thousand one hundred and forty-three dollars and sixty-two cents.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, four hundred thousand dollars.

NAVAL ACADEMY: For buildings and grounds, Naval Academy: For extension to sick quarters for cadets rendered necessary in order that there may be an operating room, two thousand five hundred dollars.

NEW NAVAL OBSERVATORY: For grounds and roads: For continuing grading, extending roads and paths, clearing and improving grounds of new Naval Observatory, five thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, sixty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: To enable the Secretary of the Navy to cause the removal of the brick wall in front of

the United States naval hospital, on Broadway, in the city of Chelsea, Massachusetts, and to substitute in place thereof an iron fence, six thousand dollars, and one thousand dollars of this amount, or so much thereof as may be necessary, shall be used to repair the sea wall on the water front of said naval hospital.

NAVAL HOSPITAL, NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For hospital at the naval station at Port Royal, South Carolina, four thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

AMBULANCES FOR NAVAL HOSPITALS: For supplying two naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand two hundred dollars.

NAVAL CEMETERY AT NAVAL HOSPITAL, BROOKLYN, NEW YORK: For labor and material for widening of approaches, and repairing and painting all gates and fences; for making graveled roads and paths; building walls where necessary, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); fresh water for drinking and cooking purposes; labor in general storehouses and paymasters' offices in navy-yards, including expenses of handling stores

purchased under the naval supply fund, and a chemist at two thousand dollars per annum, one million four hundred and five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem. In all, thirty thousand three hundred and twelve dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant

bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents;

In all, civil establishment, Bureau of Supplies and Accounts, seventy thousand four hundred and thirty-two dollars and three cents, and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL SUPPLY FUND: And the Secretary of the Treasury is hereby authorized and directed to cause the general account of advances to be charged with the sum of one million dollars, in addition to the sum of two hundred thousand dollars, provided in the Act approved March third, eighteen hundred and ninety-three, and the three hundred thousand dollars, provided in the Act approved June tenth, eighteen hundred and ninety-six, making in all one million five hundred thousand dollars, which amount shall be carried to the credit of the permanent naval supply fund, to be used under the direction of the Secretary of the Navy in the purchase of supplies for the naval service, and to be reimbursed from the proper naval appropriations, whenever the supplies purchased under said fund are issued for use.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, fifty thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, one million five hundred thousand dollars: *Provided*, That no part of this sum shall be applied to

the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *Provided further*, That the balance of the appropriation under the Act of July twenty-sixth, eighteen hundred and ninety-four, "for the repair of the United States ship Constitution, now lying at the Portsmouth Navy-Yard, in the State of New Hampshire, in order that it may be used as a training ship for the Naval Militia, eight thousand dollars," or such part thereof as may be required, is hereby made immediately available for such work as may be necessary for the proper care and preservation of that historic vessel.

Repairs to United States steamship Hartford: Completion of repairs to the United States steamship Hartford, seventy thousand dollars.

Repairs to the United States steamship Chicago: Completion of repairs to the United States steamship Chicago, fifty thousand dollars.

Steam tug for naval station, Port Royal, South Carolina: Construction of one steam tug for the use of the naval station, Port Royal, South Carolina, fifty thousand dollars.

Steam tug for naval station, Puget Sound, Washington: Construction of one steam tug for the use of the naval station, Puget Sound, Washington, fifty thousand dollars.

Steel lighter for navy-yard, New York: Construction of one steel lighter for use of the Bureau of Supplies and Accounts at the navy-yard, New York, twenty thousand dollars.

Model tank, navy-yard, Washington, District of Columbia: Completion of the model tank, to be immediately available, ninety-two thousand five hundred dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: For one clerk to naval con-

structor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

In all, civil establishment, Bureau of Construction and Repair, nineteen thousand nine hundred and seventy-two dollars and fifty cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels, repair and care of machinery of yard tugs and launches, four hundred and twenty-five thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford, or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home;

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, three hundred thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars;

In all, steam machinery, seven hundred and thirty-five thousand dollars.

STEAM MACHINERY (SPECIAL): To complete new machinery and boilers, now building at New York Navy-Yard, for United States steamship Chicago, one hundred and seventy-five thousand dollars;

To complete new machinery and boilers, now building at Mare Island navy-yard, for United States steamship Hartford, one hundred thousand dollars;

The Secretary of the Navy is hereby authorized to transfer to the Enterprise the two boilers of the Galena, now at the navy-yard at Portsmouth, New Hampshire: *Provided*, That all expenses incurred in the installation of such boilers in the Enterprise shall be borne by the State of Massachusetts;

In all, steam machinery (special), two hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

IMPROVEMENT OF PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: For modern machine tools for boiler shop and machine shop, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one messenger, at six hundred dollars; one writer, at one thousand dollars; in all, three thousand dollars;

In all, civil establishment, Bureau of Steam Engineering, eleven thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; five professors, namely, one of French and Spanish, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of French, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one band-master, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel, three hundred dollars; in all, fifty-four thousand

five hundred and seven dollars: *Provided*, That the proper pay officer of the Navy be, and is hereby, authorized to pay the professors at the Naval Academy, whose compensation was affected by the Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, approved March second, eighteen hundred and ninety-five, at the rate of compensation fixed by that Act from July first, eighteen hundred and ninety-six.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Acadmy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, twenty-one thousand dollars; continuing the grading and improvement of the property condemned under Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the completion of improvement of the water front of the Academy, now in progress, to be immediately available, five thousand dollars; in all, repairs, Naval Academy, twenty-six thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, including mileage, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department, of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-three thousand eight hundred dollars.

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ically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand five hundred noncommissioned officers, musicians, and privates, and for commutation of rations to twelve enlisted men detailed as clerks and messengers; also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, one hundred thousand dollars; and no law shall be construed to entitle marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For two thousand six hundred noncommissioned officers, musicians, and privates, ninety-seven thousand two hundred and fifty-five dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good-conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, ten thousand dollars; in all, thirteen thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of recruiting service, fifteen thousand dollars: *Provided*, That the provisions of the clause contained in the Act of Congress approved March third, eighteen hundred and seventy-nine, authorizing the Secretary of the Treasury to make such entries upon the books of the Department as will carry to the credit of certain railroad companies named in said Act amounts earned or to be earned by them during each fiscal year on account of transportation of the Army and transportation of the mails be, and the same are hereby, extended and made applicable to the transportation of the Navy and the Marine Corps.

FOR REPAIRS OF BARRACKS, MARINE CORPS: At Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California; Port Orchard, Washington; Port Royal, South Carolina; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, *two* thousand dollars.

For raising the marine barracks, Boston, Massachusetts, an additional story, three thousand one hundred dollars.

For the erection of officers' quarters at the marrine barracks, naval station, Port Royal, South Carolina, two thousand five hundred dollars.

For alteration and repair of marine barracks and other public buildings, relaying walks and flagging at navy-yard, Brooklyn, New York, ten thousand dollars.

For the erection of a building for marine barracks, naval station, Port Orchard, Washington, ten thousand dollars.

For quarters for officers at naval station, Port Orchard, Washington, five thousand dollars.

For stumping, grading, and grubbing for a parade ground, naval station, Port Orchard, Washington, three thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, three thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, and for the leader of the Marine Band, and for assistant quartermaster's office, Philadelphia, Pennsylvania, at twenty-one dollars per month each, two thousand and sixteen dollars; for hire of quarters for four enlisted men employed as above, at ten dollars each per month, four hundred and eighty dollars; in all, six thousand nine hundred and ninety-six dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, and soap for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows; wire bunk bottoms for enlisted men at the various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify; thirty-three thousand seven hundred dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract not more than three torpedo boats, to have a speed of not less than thirty knots, to cost in all not exceeding eight hundred thousand dollars. And not more than two of said torpedo boats shall be built in one yard or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder. And in the construction of said torpedo boats all the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic manufacture.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, and authorized under this Act, six million four hundred and twenty-five thousand three hundred and fifty-nine dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of August third, eighteen hundred and eighty-six; of those authorized by the Act of July nineteenth, eighteen hundred and ninety-two; of the vessels authorized by the Act of March third, eighteen hundred and ninety-three; of the three torpedo boats, Act of July twenty-sixth, eighteen hundred and ninety-four, and the torpedo boats authorized under this Act; of the vessels authorized under the Act of March second, eighteen hundred and ninety five, of the vessels authorized by the Act of June tenth, eighteen hundred and ninety-six, seven million two hundred and twenty thousand seven hundred and ninety-six dollars, to be immediately available: *Provided*, That the total cost of the armor, according to the plans and specifications already prepared, for the three battle ships authorized by the Act of June tenth, eighteen hundred and ninety-six, shall not exceed two million four hundred and seven thousand five hundred dollars, exclusive of the cost of transportation, ballistic test plates, and tests, and no contract for armor plate shall be made at an average rate to exceed three hundred dollars per ton of two thousand two hundred and forty pounds: *And provided further*, That the Secretary of the Navy is authorized, in his discretion, to contract with either or all of the builders of the hulls and machinery of those vessels, or with any one or more bidders, for the furnishing of the entire amount of said armor at a cost not exceeding the aforesaid three hundred dollars per ton, if he shall deem it for the best interest of the Government.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, one hundred and sixty-two thousand six hundred and twenty-eight dollars, of which sum thirty thousand dollars to be immediately available.

TRAINING VESSEL FOR NAVAL ACADEMY: For one composite vessel, propelled by steam and sail, to be used for the training of cadets at the Naval Academy, including outfit, two hundred and fifty thousand dollars.

Approved, March 3, 1897.

[PUBLIC—No. 76.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes:

PAY OF THE NAVY.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of twelve thousand seven hundred and fifty petty officers, seamen, landsmen, and boys, including men in the engineers' force and for the Coast Survey Service and Fish Commission, and of one thousand boys under training at training stations and on board training ships, and for men detailed for duty with naval militia at the pay prescribed by law, nine million one hundred and twenty-five thousand four hundred and sixty dollars. And whenever, within the next twelve months, an exigency may exist which, in the judgment of the President, renders their services nesessary, he is hereby authorized to appoint from civil life and commission such officers of the line and staff, not above the rank or relative rank of commander, and warrant officers including warrant machinists, and such officers of the Marine Corps not above the rank of captain, to be appointed from the non-commissioned officers of the Corps and from civil life, as may be requisite: *Provided*, That such officers shall serve only during the continuance of the exigency under which their services are required in the existing war: *And provided further*, That such officers so appointed shall be assigned to duty with rank and pay of the grades established by existing law; and warrant machinists shall be paid at the rate of one thousand two hundred dollars per annum.

To enable the Secretary of the Navy to enlist, at any time after the passage of this Act, as many additional seamen, landsmen, and boys as he may deem necessary to man the ships of the Navy, or in use by the Navy, as a temporary force therefor during the existing war, and for pay of the same and of the temporary additional officers and warrant machinists hereinbefore authorized, eight million eight hundred and thirty thousand dollars, or so much thereof as may be necessary; and to enable the Secretary of the Navy to enlist, at any time after the passage of this Act, the following additional force for the Marine Corps as a temporary force during the existing war, namely, not more than sixty gunnery sergeants with rank of first sergeants, not more than eighty corporals, and not more than one thousand five hundred privates,

and for pay of the same, including the temporary additional officers hereinbefore authorized, and for provisions, clothing, fuel, military stores, transportation and recruiting, and for contingent expenses, on account of said additional force, five hundred and sixty-seven thousand nine hundred dollars, or so much thereof as may be necessary.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, three hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, seven thousand dollars.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, forty-five thousand dollars.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, six thou-

sand dollars.

OCEAN AND LAKE SURVEYS: For ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on same; preparing and engraving on copper plates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, fourteen thousand dollars.

OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, at forty-five dollars each, thirty-three thousand seven hundred and fifty dollars.

NAVAL STATION, NEWPORT, RHODE ISLAND: For maintenance of office of commandant; fuel, stationery, books, furniture, freight, and other contingent expenses, one thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements to buildings, heating, lighting, and furniture for same; books and stationery, freight and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same; and purchase of fresh water, thirty thousand dollars.

NAVAL TRAINING STATION, YERBA BUENA ISLAND, CALIFORNIA (FOR APPRENTICES): Toward the erection of buildings for the naval training station and for the construction of a wharf and bulkhead for approach to the same on Yerba Buena Island (Goat Island), California, fifty thousand dollars, said improvements to cost complete not more than one hundred thousand dollars.

NAVAL WAR COLLEGE AND TORPEDO SCHOOL, COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College and Torpedo School on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars.

To continue strengthening of walls already begun and to build partition walls through building, ten thousand dollars: *Provided*, That prior to the expenditure of any part of this appropriation for the repairs stated, the Secretary of the Navy shall cause a thorough examination of the present condition of the War College building by competent professional experts in architecture and building, who shall report to him their opinion of the adequacy of the original designs and of the fulfillment of the terms of the contract, and their recommendations as to the work necessary to insure the safety and usefulness of the building; and the necessary expense of such examination shall be paid out of this appropriation;

In all, Naval War College and Torpedo School, nineteen thousand two hundred dollars.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines; for furniture at magazines, at the ordnance dock, New York, and at the naval proving ground; for the maintenance of the proving ground, and for target practice, three hundred thousand dollars.

For repairing and improving the telepnone line connecting the Navy

Department and Washington Navy-Yard with the naval proving ground at Indian Head, to be immediately available, ten thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Purchase and erection of new and improved machinery for the shops of the gun plant at the Washington Navy-Yard, thirty-six thousand dollars.

Capping, filling, and fusing armor-piercing shell now on hand, forty-five thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Modern battery for the Chicago, fifty thousand dollars.

SMOKELESS POWDER: For the purchase and manufacture of smokeless powder, two hundred and fifty thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

SMOKELESS-POWDER FACTORY: For the erection of buildings on Government ground for the manufacture of smokeless powder, with the necessary machinery and equipment, ninety-three thousand seven hundred and twenty-seven dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars;

Enlarging storehouse, improvements and repairs to seaman gunners' quarters, and providing more adequate accommodations for the increasing number of torpedo boats sent to the station for outfits and torpedo work, ten thousand five hundred dollars; in all, torpedo station, ninety-seven thousand five hundred dollars.

FITTING FORT LAFAYETTE AS MAGAZINE: For the necessary improvements and fittings at Fort Lafayette, New York Harbor, to render same suitable for the storage, handling, and distribution of ammunition for the naval service, fifteen thousand dollars; and the Secretary of the Navy is hereby authorized and directed to appoint a board of officers to ascertain whether a suitable site for a naval magazine can be obtained at or near the port of New York, and to make report thereon to the next session of Congress.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: For additional magazine, fixed ammunition house, two gun-cotton houses, fire plant, tramway, two filling houses, remodeling old building for watchmens' quarters, cistern, converting old gunners' house into storehouse, lightning conductors, with the necessary fittings to same, at the naval magazine, Fort Mifflin, Pennsylvania, forty-five thousand dollars.

RESERVE TORPEDOES AND APPLIANCES: Reserve torpedoes and torpedo appliances, two hundred and fifty thousand dollars.

EXPERIMENTS WITH ARMOR-PIERCING PROJECTILES: For conducting experiments in firing armor-piercing projectiles charged with high explosives under service conditions from naval guns at high velocities, and for the purpose of determing whether the destructive effect of shells so charged is greater than that of similar shells charged with *gunpowder*, and whether they can be placed on board naval vessels on

the same footing as shells loaded with gunpower, twenty-five thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, thirty thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, and the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars. And the Secretary of the Navy is hereby authorized and empowered to use any part of the share of moneys heretofore or herein appropriated for arming or equipping the Naval Militia forces of the State of Michigan in repairing the damage to the Yantic caused by a collision during her transportation from the Boston Navy-Yard to Michigan, as he, the Secretary, may deem proper and advisable.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage, and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, eight thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely:

Navy-yard, Portsmouth, New Hampshire: For one writer, when required, five hundred dollars;

Navy-yard, Boston, Massachusetts: For one writer, when required, five hundred dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two foremen, at one thousand five hundred dollars each; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, eighteen thousand four hundred and eighty-nine dollars and fifty cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, twenty-nine thousand three hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

That a line officer of the Navy may be detailed temporarily as assistant to the Chief of the Bureau of Ordnance in the Navy Department.

and that such officer during such detail shall receive the highest pay of his grade, and in the case of the death, resignation, absence, or sickness of the chief of the bureau shall, unless otherwise directed by the President, as provided by sections one and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease, provided that, in case of the death, sickness, or absence on duty of the chief of the bureau and the assistant thereto, the chief clerk shall act as chief of the bureau.

The Secretary of the Navy is hereby directed to report to Congress a suitable design for a statue of David D. Porter, to be erected in the city of Washington, and the reasonable cost thereof.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for steaming purposes; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship, for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, one million four hundred and eighty-three thousand six hundred and fifty-three dollars and forty cents; and the Hydrographic Office shall hereafter be attached to and be a part of the Bureau of Equipment.

For one steam water-boat for use at the Norfolk Navy-Yard, six thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; in all, two *thousand six hundred* dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one *id two hundred* dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the board of labor employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, fifteen thousand five hundred and twenty-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, fifteen thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots of coal, and other fuel, for the supply of steamships of war, two hundred and fifty thousand dollars, or so much thereof as may be necessary.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; incidental labor at navy-yards; water-tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, three hundred thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars;

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; in all, five thousand eight hundred and eighty-five dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; *one messenger to commandant*, at one dollar and seventy-six cents per

diem; one messenger, at one dollar and seventy-six cents per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at nine hundred dollars; one master of tugs, at one thousand two hundred dollars; in all, six thousand five hundred and eighty-three dollars and seventy-six cents;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, eighteen thousand five hundred and forty-one dollars and fifty cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; in all, five thousand four hundred and seventy-eight dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; in all, four thousand four hundred and seventy-eight dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; in all, eight thousand five hundred and fifty-eight dollars and sixty-three cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one messenger and lamplighter, at two dollars per diem; one electrician, one thousand two hundred dollars; in all, twelve thousand two hundred and sixty-six dollars and fifteen cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars;

Naval station, Puget Sound, Washington: One clerk, at one thousand

two hundred dollars; one rodman inspector, at three dollars and fifty cents per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, one thousand two hundred dollars; in all, four thousand one hundred and thirty-seven dollars and ninety cents;

Naval station, Port Royal, South Carolina: One clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one master of tugs, one thousand two hundred dollars; in all, three thousand eight hundred and eighty-six dollars and fifty cents;

In all, civil establishment, Bureau of Yards and Docks, seventy-two thousand seven hnndred and ten dollars and forty-four cents; and no other fund appropriated by this Act shall be used in payment for such services.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waiter, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and lighting, two thousand four hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, seven hundred dollars; repairs to buildings, furnaces, grates, ranges, furniture, and repairs of furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, five hundred dollars; for support of beneficiaries, fifty-three thousand seven hundred and fifty dollars; in all, for Naval Home, seventy-seven thousand seven hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund. And whenever any officer, seaman, or marine entitled to a pension is admitted to the Naval Home at Philadelphia, or to a naval hospital, his pension, while he remains there, shall be deducted from his accounts and paid to the Secretary of the Navy for the benefit of the fund from which such home or hospital, respectively, is maintained; and section forty-eight hundred and thirteen of the Revised Statutes of the United States is hereby amended accordingly.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS—NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Reappropriation of balance (six thousand three hundred and fifty dollars) of appropriation for coal pocket, Act June nineteeenth, eighteen hundred and ninety-two, for coal sheds, Seaveys Island, for storage of coal.

NAVY-YARD, BOSTON, MASSACHUSETTS: For iron roof for Building Numbered Forty-two, fifteen thousand four hundred dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For dredging Whitney Basin and Wallabout, to continue, fifty thousand dollars; quay wall between Dry Dock Numbered One and Main street, sixty thousand dollars; quay wall, coal dock, to complete, thirty thousand dollars; grading and sewering between dry dock and Clinton avenue, to continue, ten thousand dollars; grading and paving causeway and roads around docks, twenty thousand dollars; storehouse for steel (for construction and repair), seventeen thousand five hundred dollars; oil and varnish storehouse (supplies and accounts), forty-six thousand three hundred dollars; paving streets, five thousand dollars; addition to electric-light system, fifteen thousand dollars; replacing storehouse (building numbered thirty-one), condemned as dangerous and removed, forty-nine thousand eight hundred and thirty-seven dollars; conversion of building numbered eight into two-story fireproof storehouse for ordnance material, to be immediately available, twenty-four thousand five hundred dollars; in all, three hundred and twenty-eight thousand one hundred and thirty-seven dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Dredging and filling in, twenty thousand dollars; mooring cribs for vessels in reserve basin, fifty-six thousand dollars; extension of reserve basin, one hundred and twenty thousand dollars; continuation of west wall of causeway, twenty thousand dollars; for roads and walks to reserve basin and about the yard, five thousand dollars; workshop and boiler house for ordnance, sixty thousand dollars; steam generator for heating purposes and electric plant, five thousand five hundred dollars; in all, two hundred and eighty-six thousand five hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For improvement of electric plant, sixteen thousand dollars; storehouse for guns (ordnance), thirty-five thousand dollars; new roof for south gun shop (ordnance), twenty-five thousand three hundred and forty-seven dollars; in all, seventy-six thousand three hundred and forty-seven dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Toward enlargement of electric plant and concentration of steam, twenty thousand dollars; extension of quay wall, thirty thousand dollars; ship fitter's shop, at new dry dock (construction and repair), forty thousand dollars; extending railroad tracks for traveling crane, thirteen thousand dollars; steel standpipe (two hundred and seventy thousand gallons), thirteen thousand dollars; grading and paving, to continue, ten thousand dollars; in all, one hundred and twenty-six thousand dollars.

The Secretary of the Navy is hereby authorized and directed to cause to be commenced, within three months after the passage of this Act, and the Attorney-General is hereby directed to carry on, proceedings for the condemnation of the following tract of land for the use of the United States for the Norfolk Navy-Yard, for the purpose of constructing a wet dock, and for other purposes, namely, the tract of land known as the Cedar Grove property, containing fifty acres, with a water front of one thousand six hundred feet on the Elizabeth River, immediately opposite to the Gosport Navy-Yard, in the State of Virginia, under the Act of Congress approved August first, eighteen hundred and eighty-eight, entitled "An Act to authorize the condemnation of lands for sites of public buildings, and for other purposes," and other laws of the United States, so as to completely vest in the United States the title of said land. And all such proceedings shall be reported to Congress *at its next* session by the Secretary of the Navy.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Quay wall, fifteen thousand dollars; repair shop (for steam engineering), fifty thousand dollars; dredging a channel from the outside to the naval station, one hundred thousand dollars; constructing a wharf adjoining the timber dry dock, seventy-five thousand dollars; one locomotive crane and track for dry dock, seventy thousand dollars; electric light and power plant, twenty thousand dollars; increasing facilities for storage and handling of coal, twenty thousand dollars; for the payment of the amounts awarded to the owners of the several tracts of land at the naval station, Port Royal, South Carolina, recently condemned for the use of the United States, in addition to the amount heretofore appropriated for the purchase of land at that station, twenty thousand three hundred and twenty-five dollars and fifty cents; in all, three hundred and seventy thousand three hundred and twenty-five dollars and fifty cents, to be immediately available.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For storage shed for lumber (construction and repair), twenty-eight thousand dollars; coal cylinders, forty-three thousand dollars; extending quay wall, thirty thousand dollars; shelter roofs for boats, fourteen thousand three hundred dollars; plumbers', tinners', and paint shop (construction and repair), twenty-two thousand five hundred dollars; bath house at United States receiving ship Independence, one thousand six hundred and twenty-one dollars; washouse and drying room United States receiving ship Independence, three thousand dollars; wharf at United States receiving ship Independence, two thousand eight hundred dollars; extension of oil house, eight thousand six hundred dollars; sidewalks and roads, seven thousand dollars; extension of electric system, fifteen thousand dollars; tools for yards and docks shops, six thousand seven hundred and fifty dollars; in all, one hundred and eighty-two thousand five hundred and seventy-one dollars.

To enable the Secretary of the Navy to repair and reconstruct, where necessary, the buildings recently damaged by earthquake at the Mare Island Navy-Yard, California, three hundred and fifty thousand dollars, to be immediately available.

For tearing down and removing present naval hospital building and appendages recently destroyed by earthquake at navy-yard, Mare Island, California, and erecting a new naval hospital and appendages at that place, to be immediately available, one hundred thousand dollars.

PUGET SOUND NAVAL STATION, WASHINGTON: For electric-light plant, nine thousand eight hundred dollars; extension of water system, four thousand and seven dollars; steam capstans for dry dock, six thousand three hundred and twenty-five dollars; steam engineering shop and boiler house, fifty-six thousand dollars; continuing clearing, grading, and stumping, six thousand dollars; oil house, one thousand seven hundred dollars; dredging, twenty thousand dollars; establishing telegraphic communication, four thousand dollars; quay wall, twenty-five thousand dollars; in all, one hundred and thirty-two thousand eight hundred and thirty-two dollars.

HOUSING TORPEDO VESSELS: Hauling out and housing torpedo vessels at such navy-yard or station as may be selected, one hundred and fifty thousand dollars.

COALING WHARF AT JAPONSKI ISLAND, ALASKA: Coaling wharf, five thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, four hundred thousand dollars.

Toward the construction of four timber dry docks, two hundred thousand dollars each; in all, eight hundred thousand dollars; said dry docks to be not less than seven hundred feet in length, and of other dimensions sufficient to meet the present and probable future requirements of the largest vessels of the Navy and auxiliary fleet. One of these docks to be located at the navy-yard, Portsmouth, New Hampshire, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; one at the navy-yard, Boston, Massachusetts, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; one at the navy-yard, League Island, Pennsylvania, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; and one at the navy-yard, Mare Island, California, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; and the Secretary of the Navy is hereby authorized, in his discretion, to build one of said docks of granite or concrete faced with granite, and in such case the limit of the cost of said dock is increased two hundred thousand dollars.

Toward the construction of one steel floating dock of domestic manufacture which shall be a combined floating and graving dock, two hundred thousand dollars, said dock to be located at the naval reservation at Algiers, Louisiana, to be capable of lifting a vessel of fifteen thousand tons displacement, and twenty-seven feet draft of water, to cost, including moorings and wharf, eight hundred and fifty thousand dollars.

The Secretary of the Navy may employ, and pay out of the appropriations for dry docks herein authorized, such additional expert aids, draftsmen, writers, and copyists as may be necessary for the preparation of plans and specifications, to an amount not to exceed ten thousand dollars.

And the Secretary of the Navy be, and is hereby, authorized, under the limitations hereinbefore provided, to make contracts for the entire construction of said dry docks, and steel floating dock, and in each case the contract shall be awarded to the lowest best responsible bidder.

The Secretary of the Navy is hereby authorized and directed to appoint a board of naval officers to determine the desirability of locating and constructing a dry dock of sufficient capacity to take the largest naval ship in the harbor of Galveston or in the harbor of Sabine Pass, or the waters tributary thereto, Texas, and a dry dock of the same capacity in the waters of Chesapeake Bay above the mouth of the Potomac River; and to report such finding to the next session of the present Congress; and the sum of one thousand dollars, or so much thereof as may be necessary, is hereby appropriated to defray the expenses of said board.

NAVAL OBSERVATORY: For grounds and roads: For continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars; building a conduit for underground service for wires, pipes, and so forth, five thousand dollars; in all, ten thousand dollars.

Building a double floor (under the movable floor), twenty-six inch equatorial dome, double doors at entrance to basement, and alterations to machinery, one thousand two hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals,

navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, seventy-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

HOSPITAL FOR CONTAGIOUS DISEASES: For hospital for contagious diseases at Newport, Rhode Island, six thousand five hundred dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeon's offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

AMBULANCES FOR NAVAL HOSPITALS: For supplying one naval hospital with ambulance of modern construction to replace vehicle condemned as useless, six hundred dollars.

NAVAL CEMETERY, NAVAL HOSPITAL, NORFOLK, VIRGINIA: Labor and material for widening of approaches, and repairing and painting of all gates and fences; for making graveled roads and paths; building walls where necessary, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars.

That section thirteen hundred and seventy of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"No person shall be appointed assistant surgeon until he has been examined and approved by a board of naval surgeons designated by the Secretary of the Navy, nor who is under twenty-one or over thirty years of age, inclusive."

The President is hereby authorized to appoint for temporary service twenty-five acting assistant surgeons, who shall have the relative rank and compensation of assistant surgeons.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the command-

ing officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); fresh water for drinking and cooking purposes; labor in general storehouses and paymasters' offices in navy-yards, including expenses in handling stores purchased under the naval supply fund, and a chemist at two thousand dollars per annum, one million four hundred and five thousand dollars.

ASSISTANT PAYMASTERS: The active list of assistant paymasters of the pay corps shall hereafter consist of twenty-five.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents;

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem. In all, thirty thousand three hundred and twelve dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thou*sand four* hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty five cents;

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents.

In all, civil establishment, Bureau of Supplies and Accounts, seventy thousand four hundred and thirty-two dollars and three cents, and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, candles, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, transportation of stores purchased under the naval supply fund, and other incidental expenses, fifty thousand dollars.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, two million five hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs

and preservation of the United States ship Hartford or to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

Repairs to United States steamship Hartford: Completion of repairs to and outfit for the United States steamship Hartford, thirty thousand dollars.

Repairs to the United States steamship Chicago: Completion of repairs to and outfit for the United States steamship Chicago, two hundred and twenty-five thousand dollars.

One coaling barge, eight hundred tons capacity, sixteen thousand dollars.

Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, fifty thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to and improvement of plant at navy-yard, Boston, Massachusetts, fifty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of plant at navy-yard, New York, New York, fifty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of plant at navy-yard, League Island, Pennsylvania, fifty thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of plant at navy-yard, Norfolk, Virginia, fifty thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to and improvement of plant at navy-yard, Mare Island, California, fifty thousand dollars.

Construction plant, naval station, Puget Sound, Washington: Repairs to and improvement of plant at Puget Sound Naval Station, Washington, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Navy yard, Norfolk, Virginia: For one clerk to naval constructor, at *one thousand* four hundred dollars; two writers, at one thousand and *seventeen dollars and* twenty-five cents each; in all, three thousand *four hundred and thirty*-four dollars and fifty cents;

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Station, Port Royal, South Carolina: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

In all, civil establishment, Bureau of Construction and Repairs, twenty-three thousand four hundred and seven dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, six hundred thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to cause the necessary repairs and preservation of the United States ship Hartford or to order repairs of the engines, boilers, and machinery of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home;

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, three hundred and eighty thousand dollars;

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars;

In all, steam machinery, nine hundred and ninety thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Modern machine shop tools, fifteen thousand dollars.

MACHINERY PLANT, NAVY-YARD, NORFOLK, VIRGINIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, including improvements in handling machinery and in the boiler-making plant; new boilers for steam engineering shops, thirty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, KEY WEST, FLORIDA: For tools for machine shop, foundry, and boiler shop, thirty thousand dollars.

MACHINERY PLANT, NAVAL STATION, PORT ORCHARD, WASHINGTON: Machine tools to fit out plant for repairs of engines, boilers, and so forth, of United States naval vessels, thirty thousand dollars.

MACHINERY PLANT, NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Machine tools to properly equip the plant for repairing engines, boilers, and so forth, of United States naval vessels, fifty thousand dollars.

EXPERIMENTAL PURPOSES: Experiments with liquid fuel on steam tug, New York yard; experiments with liquid fuel on two torpedo boats, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one messenger, at six hundred dollars; one writer, at one thousand dollars; in all, three thousand dollars;

In all, civil establishment, Bureau of Steam Engineering, eleven thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; five professors, namely, one of French and Spanish, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of French, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at *five hundred and* twenty-eight dollars; twenty-one first-class musicians, *at three hundred* and forty-eight dollars each; seven second-class *musicians, at three* hundred dollars each; services of organist at chapel,

three hundred dollars; in all, fifty-four thousand five hundred and seven dollars.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars per diem each; foreman of gas and steam-heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, twenty-one thousand dollars; new fire and flushing system and other sanitary purposes, fifteen thousand seven hundred and fifty dollars; relaying brick sidewalks adjacent to Naval Academy walls in streets of Annapolis, three thousand five hundred dollars; repaving Maryland avenue within the Naval Academy, four thousand dollars; relaying sidewalk from Maryland avenue to cadet quarters, one thousand two hundred and eighty-two dollars; repairing "Santee's" wharf, two thousand five hundred dollars; necessary dredging and improvement of north water front, ten thousand dollars; in all, fifty-eight thousand and thirty-two dollars.

The Secretary of the Navy is authorized to contract for the construction, at the Naval Academy, Annapolis, Maryland, of a building suitable for use as an armory, at a cost not to exceed three hundred thousand dollars; a boathouse, at a cost not to exceed three hundred thousand dollars; a power house, at a cost not to exceed one hundred thousand dollars; four double houses for officer's quarters, at a cost not to exceed sixty thousand dollars; for grading, electric-light wiring, removing old buildings, and preparing plans, at a cost not to exceed ninety thousand dollars; for constructing the line of sea wall on the river side, piling, dredging, and filling in, as may be necessary, one hundred and fifty thousand dollars; and the sum of five hundred thousand dollars is hereby appropriated toward the construction of the public works herein authorized.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, three thousand dollars; reappropriation of amount expended by Superintendent on account of Board of Visitors in eighteen hundred and ninety-seven, remaining unpaid, one hundred and

ninety-six dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; outfit for cadets' laundry, to be immediately available upon the approval of the Act, one thousand seven hundred and forty-five dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-five thousand five hundred and forty-five dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one paymaster, one quartermaster, one adjutant and inspector, four majors, two assistant quartermasters, twenty captains, thirty first lieutenants, and thirteen second lieutenants, one hundred and eighty thousand eight hundred and sixty dollars.

Pay of officers on the retired list: For one colonel, two lieutenant-colonels, one adjutant and inspector, two quartermasters, nine captains, three first lieutenants, and three second lieutenants, forty-three thousand one hundred and seventy dollars.

Pay of noncommissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and fifty sergeants, two hundred and twenty corporals, thirty musicians, one hundred and twenty drummers and fifers, and two thousand four hundred and ninety-nine privates, and the number of enlisted men authorized as above for the Marine Corps shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders; five hundred and sixty-nine thousand eight hundred and eighty-eight dollars.

Pay and allowance for retired enlisted men: For one sergeant-major, two drum-majors, five first-class musicians, fifteen first sergeants, twenty sergeants, four corporals, one drummer, two fifers, and forty-four privates, and for those who may be retired during the year, thirty-two thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-three thousand dollars: *Provided*, That no other fund appropriated by this Act shall be used for such purpose.

Mileage: For mileage of officers traveling under orders without troops, eight thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, four thousand dollars.

PAY OF CIVIL FORCE: In the office of the colonel commandmant: For one chief clerk, at one thousand five hundred and forty dollars and *eighty cents; one messenger*, at nine hundred and seventy-one dollars *and twenty-eight cents.*

In the office of the paymaster: One chief clerk, at one thousand six

hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, seventeen thousand six hundred and thirty-six dollars and twenty-three cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For one thousand nine hundred and seventy-three noncommissioned officers, musicians, and privates, and for commutation of rations to fourteen enlisted men detailed as clerks and messengers; also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, one hundred and thirty-one thousand nine hundred and eleven dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For three thousand and seventy-three noncommissioned officers, musicians, and privates, one hundred and thirty thousand eight hundred and ten dollars and forty cents.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, nineteen thousand five hundred dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good-conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, twenty-three thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of recruiting service, fifteen *thousand* dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: At Portsmouth, New

Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, ten thousand dollars.

For repair of barracks and officers' quarters at Mare Island Navy-Yard, California, damaged by earthquake, five thousand four hundred and twenty-five dollars, to be immediately available.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, two thousand dollars.

Repairs to marine barracks, Annapolis, Maryland, one thousand five hundred dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the Quartermaster's Department, and the authorized number of officers' horses, three thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars; for hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, Washington, District of Columbia, assistant quartermaster's office, Philadelphia, Pennsylvania, and for the leader of the Marine Band, twenty-one dollars each per month, two thousand and sixteen dollars; for hire of quarters for seven enlisted men employed as above, and in the office of the assistant quartermaster, Washington, District of Columbia, at ten dollars each per month, eight hundred and forty dollars; in all, seven thousand three hundred and fifty-six dollars.

To reimburse the enlisted men of the United States Marine Corps who incurred loss of clothing by the fires which occurred at the navy-yard, Washington, District of Columbia, on the twenty-second and twenty-ninth days of April, eighteen hundred and ninety-seven, fifty-one dollars and seventy-three cents: *Provided*, That the accounting officers of the Treasury shall in all cases require a schedule and certificate from each person making a claim under this Act.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture; mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; *purchase of ice, towels*, soap, combs, and brushes for offices; postage

stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government houses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, thirty-seven thousand five hundred dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three sea going coast-line battle ships carrying the heaviest armor and most powerful ordnance upon a displacement of about eleven thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armor and armament, not exceeding three million dollars each, one of said battle ships to be named the Maine; and four harbor-defense vessels of the monitor type, each having one or two turrets, and to cost, exclusive of armament, not exceeding one million two hundred and fifty thousand dollars each; and sixteen torpedo boat destroyers of about four hundred tons displacement, and twelve torpedo boats of about one hundred and fifty tons displacement, to have the highest practicable speed, and to cost in all, exclusive of armament, not exceeding six million nine hundred thousand dollars; and one gunboat to take the place of the United States steamship Michigan, to cost, exclusive of armament, not more than two hundred and sixty thousand dollars, said gunboat to be constructed on the Great Lakes or their connecting waters: *Provided*, That said construction of said gunboat shall conform to all existing treaties and conventions. And not more than two of said battle ships, and not more than two of said harbor-defense vessels, and not more than five of said torpedo-boat destroyers, and not more than four of said torpedo boats shall be built in one yard or by one contracting party, and the contracts for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all said vessels all of the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," and amendments subsequently made thereto as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said Act, save that in all their parts said vessels shall be of domestic manufacture except that no proposal for the torpedo vessels shall be considered unless the bidder is already in possession of adequate plant, and that the advertisement relating to the proposals for such vessels may be published for three weeks only; and, subject to the provisions hereinafter made, one and not more than one of the aforesaid seagoing battle ships, and one and not more than one of the aforesaid harbor-defense vessels, shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith: Pro-

vided, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, said vessel, or either of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other battle ships or harbor-defense vessels provided for in this Act, he shall authorize the construction of said vessel, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, thirteen million six hundred and forty-eight thousand four hundred and seventy-three dollars: *Provided*, That section two of the Act entitled "An Act to increase the naval establishment," approved August third, eighteen hundred and eighty-six, be, and the same is hereby, amended so as to read as follows:

"SEC. 2. That in the construction of all naval vessels the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy."

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of July twenty-sixth, eighteen hundred and ninety-four, of the vessels authorized under the Act of March second, eighteen hundred and ninety-five, of those authorized by the Act of June tenth, eighteen hundred and ninety-six, of the three torpedo boats authorized by the Act of March third, eighteen hundred and ninety-seven, and of those authorized by this Act, including the completion of ordnance outfit for the four harbor-defense vessels, the sixteen torpedo-boat destroyers, and twelve torpedo boats named herein, seven million one hundred and sixty-two thousand eight hundred dollars: *Provided*, That the total cost of the armor according to the plans and specifications already prepared, for the three battle ships authorized by the Act of June tenth, eighteen hundred and ninety-six, shall not exceed three million two hundred and ten thousand dollars, including all cost of nickel in the same, and exclusive of the cost of transportation, ballistic test plates, and tests, and royalty for steel face-hardening process, not to exceed one-half cent per pound, and which can not be made use of without the payment of royalty, and no contract for armor plate shall be made at an average rate to exceed four hundred dollars per ton of two thousand two hundred and forty pounds, including nickel as aforesaid. That hereafter all first-class battle ships and monitors owned by the United States shall be named for the States, and shall not be named for any city, place, or person until the names of the States, shall have been exhausted: *Provided*, That nothing herein contained shall be so construed as to interfere with the names of States already assigned to any such battle ship or monitor.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized, three hundred and seventy-five thousand dollars.

For the installation of electric plants in gunboats numbered ten, eleven, twelve, and thirteen, forty thousand dollars.

It is further provided that whenever in the judgment of the President, the public interests may require he is authorized and empowered to make any or all the provisions and appropriations of this Act immediately operative and available.

Approved, May 4, 1898.

[PUBLIC—No. 185.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred, and for other purposes:

PAY OF THE NAVY.

For the pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list, including the admiral of the Navy, whose pay and allowances shall be the same as those received by the last General of the United States Army; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers, receiving ships and other vessels; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice boys, including men in the engineers' force and for the Coast Survey Service and Fish Commission, seventeen thousand five hundred men and two thousand five hundred apprentices under training at training stations and on board training ships, and for men detailed for duty with naval militia at the pay prescribed by law, and for men to be enlisted to fill vacancies, this last item to be immediately available, thirteen million five hundred thousand one hundred and seventy-one dollars.

The Secretary of the Navy is hereby authorized to pay to such officers as were appointed for temporary service in the Navy during the late war with Spain, and who entered upon the performance of duty prior to the date on which they accepted their commissions and executed oaths of office, the pay of their grades for the interval during which they were so employed, such payments to be made from the appropriation "Pay of the Navy."

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen, and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of

library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad; in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, five hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, ten thousand dollars.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training ships, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, sixty thousand dollars.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, twelve thousand dollars.

OUTFITS FOR NAVAL APPRENTICES: For bounties for outfits of two thousand five hundred naval apprentices, at forty-five dollars each, one hundred and twelve thousand five hundred dollars.

NAVAL TRAINING STATION, YERBA BUENA ISLAND, CALIFORNIA (BUILDINGS): Toward the erection of buildings for the naval training station and for the construction of a wharf and bulkhead for approach to the same on Yerba Buena Island (Goat Island), California, fifty thousand dollars, said improvements to cost complete not more than one hundred thousand dollars.

NAVAL APPRENTICE TRAINING STATION, YERBA BUENA ISLAND, CALIFORNIA—Maintenance: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, thirty thousand dollars.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): For dredging channels, repairs to main causeway, roads, and grounds, extending sea wall, and the employment of such labor as may be necessary for the proper care and preservation of the same; for repairs to wharf and sea wall; for repairs and improvements to buildings, heating, lighting, and furniture for same; books and stationery, freight, and other contingent expenses; purchase of food and maintenance of live stock, and mail wagon, and attendance on same; and purchase of fresh water, thirty thousand dollars.

Barracks, mess hall, wash room, and so forth, one hundred and twenty-five thousand dollars, to be immediately available.

NAVAL WAR COLLEGE, COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent of grounds, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer to run elevator, six hundred dollars; water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, seven hundred dollars; repairs to buildings, boilers, furnaces, furniture, and repairs to the same, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, three hundred dollars; for support of beneficiaries, fifty-two thousand nine hundred and fifty dollars; in all, for Naval Home, seventy-six thousand four hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund. And whenever any officer, seaman, or marine entitled to a pension is admitted to the Naval Home at Philadelphia, or to a naval hospital, his pension, while he remains there, shall be deducted from his accounts and paid to the Secretary of the Navy for the benefit of the fund from which such home or hospital, respectively, is maintained; and section forty-eight hundred and thirteen of the Revised Statutes of the United States is hereby amended accordingly.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ord-

nance Department; for watchmen at magazines; for furniture in ordnance buildings at navy-yards and stations; for the maintenance of the proving ground, and for target practice, three hundred thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Purchase and erection of new and improved machinery for the shops of the gun plant at the Washington Navy-Yard, fifty thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Purchase and manufacture of smokeless powder, one million dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

SMOKELESS-POWDER FACTORY: Necessary expenses incident to the work of continuing the development of the smokeless-powder factory, twenty-five thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

FITTING FORT LAFAYETTE AS MAGAZINE: Additional work necessary in fitting Fort Lafayette, New York Harbor, in suitable condition for magazine purposes, five thousand dollars.

NAVAL MAGAZINE, NEW YORK HARBOR: For the purchase of land for a site for a naval magazine, near New York City, and for the erection thereon of the necessary buildings; for inclosing said grounds; for grading and filling in; for building roads and walks; for the improvement of the water front; for the necessary wharves and cranes; for railroad tracks and water service; and for the equipment of the establishment, six hundred thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ and pay out of the appropriation hereby authorized such additional expert aids, architects, superintendent of construction, or draftsmen, as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized, to an amount not to exceed seven thousand dollars.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: For extending two shell houses at the naval magazine, Fort Mifflin, Pennsylvania; construction of necessary roadbeds, extension and repair of piers, improvement and repair of dike walls, and expenses incident thereto, sixty-eight thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of the like character, thirty thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, and the printing of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, *sixty thousand* dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, *namely: Freight to foreign* and home stations, advertising, cartage, and

express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspections of ordnance material, fifteen thousand dollars.

Machinery for ordnance building, navy-yard, League Island, Pennsylvania: Boilers, machinery, tools, and appliances for the new ordnance building at the navy-yard, League Island, Pennsylvania, sixty thousand dollars.

Naval magazine, near Norfolk, Virginia: New watchmen's quarters and storehouse at magazine grounds, Saint Juliens Creek, near Norfolk, Virginia, and for the purchase of additional land needed to extend the borders of same, twenty-seven thousand five hundred dollars.

Steam lighter for navy-yard, League Island, Pennsylvania: Purchase of a steam lighter for ordnance purposes at the navy-yard, League Island, Pennsylvania, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, one thousand dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: One clerk, one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, fifteen thousand four hundred and eighty-nine dollars and fifty cents;

Smokeless-powder factory: For one chemist, at two thousand five hundred dollars; one assistant chemist, at one thousand six hundred dollars; in all, four thousand one hundred dollars.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, thirty-two thousand six hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

The Secretary of the Navy is hereby authorized to transfer to the officers of Yale University the custody of the two Maxim rapid-fire guns, with their mounts and the stand of colors, presented by its students and graduates to the United States at the opening of the war with Spain for use upon the auxiliary cruiser Yale, to be retained until said guns may be required for use by the Government.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; and installing and maintaining electric lights and interior signal communications on board vessels of war, two million two hundred and twenty-five thousand four hundred and eighty dollars and ten cents.

OCEAN AND LAKE SURVEYS: Ocean and lake surveys; the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same; preparing and engraving on copperplates the surveys of the Mexican coasts, and the publication of a series of charts of the coasts of Central and South America, and for surveys of the imperfectly known parts of the coasts and harbors of the Philippine Archipelago, and the islands of Cuba and Porto Rico, with their bordering keys and waters and the minor outlying islands; to be made immediately available, one hundred thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots of coal, and other fuel, for the supply of steamships of war, four hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, *at nine* hundred and fifty dollars; in all, three thousand five hundred *and fifty dollars;*

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars, who shall also perform the clerical duties for the board of labor employment at said navy-yard;

In all, civil establishment, Bureau of Equipment, seventeen thousand four hundred and seventy-five dollars; and no other fund appropriated by this Act shall be used in payment for such service.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, lighterage of ashes, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, twenty-two thousand five hundred dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines; machinery; repairs on steam fire engines and attendance on the same; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and apparatus; incidental labor at navy-yards; water tax, tolls, and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, three hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; in all, five thousand eight hundred and eighty-five dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem,

including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per day; one master of tugs, at one thousand two hundred dollars; in all, eight thousand four hundred and sixteen dollars and twenty-five cents.

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman at three dollars per diem; one superintendent of teams or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand two hundred dollars; in all, twenty thousand two hundred and sixty-six dollars and thirteen cents.

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum.

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; in all, five thousand four hundred and seventy-eight dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand four hundred and ninety-five dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; in all, nine thousand seven hundred and fifty-eight dollars and sixty-three cents.

Naval station, Port Royal, South Carolina: One clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one master of tugs, one thousand two hundred dollars; one mail messenger, at two dollars per diem; one telegraph operator, at two dollars per diem; one electrician, at one thousand two hundred dollars; in all, six thousand five hundred and forty-six dollars and fifty cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Naval station, Key West, Florida: For one mail messenger, at six *hundred dollars.*

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, one thousand two hundred dollars; one quarterman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; in all, fourteen thousand and ninety-four dollars and seven cents.

Naval station, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem; one master of tugs, one thousand two hundred dollars; in all, four thousand six hundred and seven dollars and forty cents.

In all, civil establishment, Bureau of Yards and Docks, eighty-three thousand four hundred and forty-two dollars and twenty-three cents; and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS—NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Building to replace hospital numbered twenty-eight, six thousand dollars; sawmill for construction and repair, thirty thousand dollars; foundry for construction and repair, forty thousand dollars; plate-angle, smith, and beam shed for construction and repair, thirty-five thousand dollars; electric-light plant, fifty thousand dollars; electric-light building, thirty thousand dollars; two officers' quarters, fifteen thousand dollars; coal-storage and coal-handling machinery, one hundred thousand dollars; in all, navy-yard, Portsmouth, New Hampshire, three hundred and six thousand dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: New gate and entrance house to yard, twenty-five thousand dollars; new railroad system, forty thousand dollars; locomotive and cars, ten thousand dollars; constructing new piers and extending old ones, and dredging, one hundred thousand dollars; coal-storage and coal-handling plant, one hundred and thirty thousand dollars; repairing drainage system and connecting with metropolitan sewer, twelve thousand dollars; electric-light building with coal-storage and coal-handling appliances for same, fifty thousand dollars; electric elevators in four storehouses, twelve thousand dollars; in all, navy-yard, Boston, three hundred and seventy-nine thousand dollars.

That the Secretary of the Navy is hereby authorized to provide for the enlargement of the slip or dock at the southern boundary of the United States navy-yard at Boston, Massachusetts, partly upon the land of the navy-yard and partly upon lands belonging to the Fitchburg Railroad Company, said slip to be enlarged beyond its present width eighty feet upon the lands of the United States and twenty feet upon the lands of the Fitchburg Railroad Company, so that the same shall be one hundred and sixty feet in width, measured northerly from the land parallel to and twenty feet southerly from the boundary between the lands of the United States and lands of the Fitchburg Railroad Company, and to be increased in length to a total of five hundred and seventy feet, measured from the harbor commissioner's line as now established upon the front of the said railroad company's property; the said

slip to be used by both the Fitchburg Railroad and the United States for the berthing of vessels at their respective wharves; and the Secretary of the Navy is empowered to make a contract with the said Fitchburg Railroad Company pursuant to the provisions of this Act. That in consideration of the privileges granted by this Act to the Fitchburg Railroad Company for the use of a portion of this slip extending northerly of the boundary line of the United States navy-yard, said railroad company shall build suitable retaining walls upon the east side and at the head of the slip upon the Government lands, or if the United States shall so elect in lieu thereof shall pay to the United States such sums of money as may be determined by arbitration, and shall dredge the entire slip or basin to a depth of thirty feet at mean low water and maintain such depth as long as it enjoys the privileges above stated. It is further provided that the said railroad company shall use and occupy only sixty feet of the width of the said basin within the limits of the navy-yard property, and is to erect no construction of any kind within the limits of the said basin, either upon the lands of the Government or upon that portion of the said railroad company's lands included in the basin. That the right to use said dock or any part thereof by said railroad company may be temporarily suspended by the Secretary of the Navy whenever in case of war or other emergency it shall be necessary, in his judgment, for the United States Government to have the exclusive use of the same, and for any such suspension said company shall not be entitled to any compensation. The Secretary of the Navy shall notify the railroad company to that effect, and thereupon and during the continuance of such emergency the Government shall have the sole use of said dock. That the entire expense of the construction of the said slip or basin and all future repair thereof shall be borne by the said railroad company, including the excavation and removal of any wharves, piers, buildings, earth, or constructions of any kind that may be upon the said site, and said materials and constructions shall be disposed of in such a manner or deposited in such places as shall be designated, with the approval of the Secretary of the Navy, and the construction and improvement herein provided for shall be without any expense whatever to the United States. That the privileges hereby granted to the Fitchburg Railroad Company shall become null and void unless the improvements hereby authorized are begun within six calendar months from the date of the approval of this Act, and completed in every respect in accordance with the terms hereof, and to the acceptance of the Secretary of the Navy, within eighteen calendar months from the same date.

NAVY-YARD, BROOKLYN, NEW YORK: Removing crib work, and so forth, Whitney Basin, one hundred thousand dollars; extending quay wall, Cob Dock, eighty-two thousand seven hundred dollars; extending building numbered thirty-three, forty-eight thousand dollars; erecting shop, wing of building numbered twenty-eight, for steam engineering, forty seven thousand two hundred and fifty dollars; coppersmith shop for steam engineering, fifteen thousand one hundred and twelve dollars; administration building for steam engineering, thirty-seven thousand dollars; paving streets, fifty thousand dollars; extending yard sewers, eighteen thousand dollars; extending railroad system, thirty thousand dollars; extending electric plant, twenty thousand dollars; new roof for building numbered twelve, eight thousand dollars; new floor for building numbered fourteen, twelve thousand dollars; two officers' *quarters*, fourteen thousand dollars; reconstructing and enlarging

building numbered twenty-two, seventy thousand dollars; coal-storage and coal-handling plant, sixty thousand dollars; in all, navy-yard, New York, six hundred and twelve thousand and sixty-two dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Dredging and filling in Delaware water front, fifty thousand dollars; extension of reserve basin, one hundred and twenty-five thousand dollars; new roads and walks about yard, fifteen thousand dollars; extension of drainage system, seven thousand dollars; commandant's office, fifty-three thousand seven hundred and thirty-five dollars; water-closets, four thousand seven hundred and twelve dollars; east wall of causeway, seventy-three thousand nine hundred and twenty dollars; railroad tracks about yard, twenty thousand dollars; artesian well, five thousand four hundred dollars; four officers' quarters, twenty-five thousand dollars; locomotive crane about dry dock, sixty-five thousand dollars; retaining wall about reserve basin, one hundred thousand dollars; storehouses for ships' equipment along reserve basin, thirty-six thousand dollars; continuation of sea wall west of new dry dock, fifty thousand dollars; plate-bending shop, construction and repair, seventy-five thousand dollars; coal-storage and coal-handling plant, fifty thousand dollars; fireproof storehouse, forty-five thousand dollars; in all, navy-yard, League Island, eight hundred thousand seven hundred and sixty-seven dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: New steel roof and repairs to pattern-shop building numbered thirty, twenty-one thousand dollars; new steel roof and repairs to copper rolling mill, seventeen thousand dollars; extension of north gun shop, fifteen thousand dollars; new steel roof and extension of store numbered twelve, ten thousand dollars; extension of storehouse for guns, thirty-five thousand dollars; shop and office building for construction and repair, one hundred thousand dollars; one officer's quarters, seven thousand dollars; in all, navy-yard, Washington, two hundred and five thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Quay wall for fitting out basin, one hundred thousand dollars; ship fitters' shop for construction and repair, one hundred thousand dollars; building for electric plant, plumbers' shop, and machine shop (yards and docks), seventy-five thousand dollars; blacksmith shop and plumbers' shop, fifty thousand dollars; one hundred and twenty ton floating derrick, seventy thousand dollars; two officers' quarters, ten thousand dollars; grading and paving streets and for sewers, twenty thousand dollars; storehouse for torpedoes, and so forth, seventy-five thousand dollars; in all, navy-yard, Norfolk, five hundred thousand dollars.

And the sum of one hundred and forty-five thousand six hundred and eighty-seven dollars and fifty cents, or so much thereof as may be necessary, is hereby appropriated to pay and satisfy the amount awarded to the property owners as found by the final judgment to be rendered in the matter of the condemnation proceedings begun under the direction of the Attorney-General of the United States in the district court of the United States for the eastern district of Virginia on the twenty-fourth day of June, eighteen hundred and ninety-eight, for the condemnation of the tract of land mentioned therein for the use of the United States at Norfolk, Virginia; and such further sum is appropriated as may be necessary to pay the costs of said proceedings: *Provided*, That said sum, the purchase money, shall be paid into court to be distributed among those entitled thereto, or their attornevs of rec d under said judgment and decree in full satisfaction of the the lands mentioned and described therein.

NAVAL STATION, NEW LONDON, CONNECTICUT: Dredging, twenty-five thousand dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Building for workshops (yards and docks), fifty-four thousand dollars; paint shop and storage for combustibles, thirteen thousand dollars; extension of storehouse, thirty thousand dollars; dredging plant, six thousand dollars; grading and drainage, six thousand dollars; sawmill and boat shop (construction and repair), thirty thousand dollars; shipwright's shed (construction and repair), six thousand dollars; the Secretary of the Navy is hereby authorized to procure, by purchase, in his discretion, at such price as he may deem fair and reasonable, not to exceed the sum of twenty-six thousand dollars, the following-described property adjoining and contiguous to the United States Naval Station, Port Royal, South Carolina, being lots in township numbered two, south of Beaufort base line, range numbered one, west of Saint Helena meridian, in section numbered five, according to the survey thereof made by the United States direct tax commissioners for South Carolina, and recorded in their office, namely: Twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-four, thirty-five, thirty-six, thirty-seven, thirty-eight, forty-three, forty-four, forty-five, forty-six, forty-seven, forty-nine, fifty, fifty-one, fifty-two, fifty-three, fifty-four, fifty-nine, sixty, sixty-one, sixty-two, sixty-three, and sixty-four; also section numbered eight, lots one, two, three, four, five, six, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty, twenty-one, twenty-two, twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-two, thirty-three, thirty-four, thirty-five, thirty-six, thirty-seven, and thirty-eight; in all, naval station, Port Royal, one hundred and forty-five thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: Sea wall, three thousand dollars; sidewalks, one thousand five hundred and twenty dollars; two officers' quarters, eight thousand dollars; purchase of additional land, one hundred thousand dollars; in all, naval station, Key West, one hundred and twelve thousand five hundred and twenty dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Quay wall, seventy-two thousand dollars; crematory, seven thousand five hundred dollars; additional tools for machine shop (yards and docks), four thousand dollars; extension and renewal of railroad and its equipments, twenty thousand dollars; fire-engine house, seven thousand dollars; additional storehouse for supplies and accounts, forty thousand dollars; block-makers', coopers', and varnishers' shop (construction and repair), sixteen thousand dollars; dredging channel and anchorage ground, one hundred thousand dollars; timber shed (supplies and accounts), twenty-six thousand two hundred and fifty dollars; apartment house for junior and other officers, fifteen thousand dollars; sidewalks and roads, five thousand dollars; boat shops (construction and repair), seventy-two thousand dollars; machine shop (construction and repair), thirty-four thousand dollars; grading and paving streets, six thousand dollars; building for storing and handling guns, twenty-two thousand dollars; moving back ferry slip, eighty thousand dollars; shipwrights' shop (construction and repair), seventy-five thousand dollars; steam engineering, machine shop, and foundry, one hundred and fifty thousand dollars; grading yard, one hundred thousand dollars; storehouse for equipment materials, forty-five thousand dollars; workshop and boiler house for Bureau of Equipment, thirty-five thousand dollars; chain shed for Bureau of Equipment, four thousand five hundred dollars; in

all, navy-yard, Mare Island, nine hundred and thirty-five thousand seven hundred and fifty dollars.

PUGET SOUND NAVAL STATION, WASHINGTON: Pump and boiler house for new water station, three thousand dollars; yard water-closets, one thousand dollars; purchase of additional land near springs, one thousand dollars; continuing clearing, grading, and stumping station, twelve thousand dollars; concrete floor for construction and repair shop, eight thousand dollars; yard railway, three thousand five hundred dollars; extension of boiler room and steam plant for yards and docks, twenty thousand dollars; in all, Puget Sound Naval Station, forty-eight thousand five hundred dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, four hundred and fifty thousand dollars.

That the Secretary of the Navy is authorized to use the balance remaining unexpended of the appropriations made by the Act approved March third, eighteen hundred and ninety-three, "Dry dock, Algiers, Louisiana," and by the Act approved July twenty-sixth, eighteen hundred and ninety-four, "Dry dock at Algiers, Louisiana," for the payment of the interest and costs adjudged by the decrees of the court in the proceedings for the condemnation of the lands acquired, as authorized by said Acts.

The provisions of "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," approved May fourth, eighteen hundred and ninety-eight, relating to the construction of dry docks, are hereby modified so that the Secretary of the Navy may, in his discretion, contract for the construction of one of the four dry docks named in said provision in addition to that at Boston, to be built of granite, or of concrete faced with granite, and in such case the limit of the cost of each of said dry docks is fixed at one million one hundred thousand dollars. Toward the construction of said dry docks there is hereby appropriated the sum of eight hundred thousand dollars in addition to the appropriations contained in said provisions of the Act of May fourth, eighteen hundred and ninety-eight, which may be used in carrying out the terms of this provision.

The Secretary of the Navy may employ and pay, out of the appropriation for public works herein authorized under the Bureau of Yards and Docks, such additional expert aids, draftsmen, writers, and copyists as may be necessary for the preparation of plans and specifications, and for such services an amount not to exceed five thousand dollars is made immediately available.

BUILDINGS AND GROUNDS AT THE NAVAL ACADEMY, ANNAPOLIS, MARYLAND.

For completion of buildings and other works authorized under the Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, under such plans as may be adopted by the Secretary of the Navy, not to exceed in cost one million two hundred and twenty thousand dollars, seven hundred and twenty thousand dollars.

NAVAL OBSERVATORY: For grounds and roads: For continuing grading, extending roads and paths, clearing and improving grounds, t thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, seventy-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephone; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

NAVAL CEMETERY, NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building fence to inclose cemetery, laying out approaches and paths, caring for graves, resetting headstones, and general renovation, two thousand five hundred dollars.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building annex for kitchen, bathroom, closets, and lavatories, furniture and fittings, and general renovation of hospital and appendages, forty-five thousand dollars, to be immediately available.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); fresh water for drinking and cooking purposes; labor in general storehouses and paymasters' offices in navy-yards, including expenses in handling stores *purchased under the* naval supply fund; one chemist, at two thousand

five hundred dollars per annum; and two chemists, at two thousand dollars each per annum, three million dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents.

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each, one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty thousand three hnndred and twelve dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, seventy-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, twenty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephone; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

NAVAL CEMETERY, NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building fence to inclose cemetery, laying out approaches and paths, caring for graves, resetting headstones, and general renovation, two thousand five hundred dollars.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building annex for kitchen, bathroom, closets, and lavatories, furniture and fittings, and general renovation of hospital and appendages, forty-five thousand dollars, to be immediately available.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); fresh water for drinking and cooking purposes; labor in general storehouses and paymasters' offices in navy-yards, including expenses in handling stores *rchased under* the naval supply fund; one chemist, at two thousand

five hundred dollars per annum; and two chemists, at two thousand dollars each per annum, three million dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents.

Navy-yard, Brooklyn, New York: One writer to boards of inspection, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars per diem each, one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents per diem each; five pressmen, at two dollars and seventy-six cents per diem each; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty thousand three hnndred and twelve dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving

Naval station, Port Royal, South Carolina: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

In all, civil establishment, Bureau of Construction and Repair, twenty-three thousand four hundred and seven dollars; and no other fund appropriated by this Act shall be used in payment for such service.

The Act of June tenth, eighteen hundred and ninety-six, authorizing the construction, in the discretion of the Secretary of the Navy, of two submarine boats, is hereby amended so as to permit the Secretary to contract for two submarine boats of the Holland type, similar to the submarine boat Holland.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, six hundred and eighty thousand dollars: *Provided*, That no part of said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repair shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, four hundred thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, and instruments, ten thousand dollars.

In all, steam machinery, one million and ninety thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT, NAVY-YARD, NORFOLK, VIRGINIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, fifteen thousand dollars.

MACHINERY PLANT, NAVAL STATION, PUGET SOUND, WASHINGTON: Additional tools required to fit out plant for repairs of engines, boilers, and so forth, of United States naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Boiler-making plant, fifteen thousand dollars.

MACHINERY PLANT, NAVY-YARD, BROOKLYN, NEW YORK: Additional tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: *Navy-yard, Portsmouth*, New Hampshire: For one clerk to department, at

one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: For one clerk to department, one thousand three hundred dollars;

Navy-yard, Brooklyn, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk to department, at one thousand four hundred dollars; one messenger, at six hundred dollars; one writer, at one thousand dollars; in all, three thousand dollars;

In all, civil establishment, Bureau of Steam Engineering, thirteen thousand two hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; six professors, namely, one of English, one of French and Spanish, three of French, and one of drawing, at two thousand two hundred dollars each; one sword master, at one thousand five hundred dollars, and two assistants at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; services of organist at chapel, three hundred dollars; in all, fifty-five thousand four hundred and fifty-nine dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents

per diem; four watchmen, at two dollars per diem each; foreman of gas and steam heating works of the Academy, at five dollars per diem; for labor at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all. forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy and school-ships, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-three thousand eight hundred dollars.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, three hundred and forty-four thousand nine hundred dollars.

Pay of officers on the retired list: For one colonel, one lieutenant-colonel, one adjutant and inspector, two quartermasters, one major, nine captains, three first lieutenants, and three second lieutenants, forty-five thousand seven hundred and ninety-five dollars.

Pay of noncommissioned officers, musicians and privates, as prescribed by law, and the number of enlisted men authorized for the Marine Corps shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million one hundred and twelve thou*sand five hundred* and forty-eight dollars.

Pay and allowances for retired enlisted men: For one sergeant-major, two drum-majors, five first-class musicians, sixteen first sergeants, twenty-three sergeants, four corporals, one drummer, two fifers, and forty-eight privates, and for those who may be retired during the year, thirty-four thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty-three thousand dollars.

Mileage: For mileage of officers traveling under orders without troops, twelve thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars.

PAY OF CIVIL FORCE: In the office of the colonel commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, seventeen thousand six hundred and thirty-six dollars and twenty-three cents.

PROVISIONS, MARINE CORPS: For one thousand nine hundred and seventy-three noncommissioned officers, musicians, and privates, and for commutation of rations to sixteen enlisted men detailed as clerks and messengers; also for payment of board and lodging of recruiting parties, said payment for board not to exceed two thousand five hundred dollars, three hundred and sixty-six thousand and seventy-one dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations or commutation therefor other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For three thousand and seventy-four noncommissioned officers, musicians, and privates, two hundred and ninety thousand one hundred and ninety-nine dollars and fifty-four cents.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, twenty-five thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags,

knapsacks, canteens, musket slings, swords, drums, trumpets, flags waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase of ammunition, and purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, medals for excellence in gunnery and rifle practice, good-conduct badges, incidental expenses in connection with the school of application, signal equipment and stores, binocular glasses, for the establishment and maintenance of targets and ranges, for hiring established ranges, and for procuring, preserving, and handling ammunition, forty-six thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of recruiting service, twenty-five thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: At Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; and at such other place or places as the exigency of the service requires the renting, leasing, or erection of barracks; and per diem for enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks and other public buildings, thirteen thousand dollars.

For rent of building used for manufacture of clothing, storing supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, three thousand three hundred dollars.

Erection and completion of a building for marine barracks, Annapolis, Maryland, fifty thousand dollars.

Erection and completion of commanding officer's quarters, Annapolis, Maryland, nine thousand dollars.

Erection and completion of two sets of officers' quarters, Annapolis, Maryland, fourteen thousand dollars.

Clearing and grading, laying sewers, water pipes, and pavements, erecting fences and flagstaff, and otherwise improving site for marine barracks and officers' quarters, and building a bridge to connect same with Naval Academy inclosure, Annapolis, Maryland, eight thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for five horses of the quartermaster's department, and the authorized number of officers' horses, six thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, nine thousand dollars; for hire of quarters for eleven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster's, and quartermaster's offices, and the offices of the assistant quartermasters, Washington, District of Columbia, Philadelphia, Pennsylvania, and for the leader of the Marine Band, twenty-one dollars each per month, three thousand and twenty-four dollars; for hire of quarters for five enlisted men employed as above, at ten dollars each per month, six hundred dollars; in all, twelve thousand six hundred and twenty-four dollars.

For provisions, clothing, fuel, military stores, transportation and

recruiting, forage, and hire of quarters for officers and men to be commissioned and enlisted previous to June thirtieth, eighteen hundred and ninety-nine, twenty thousand four hundred dollars, to be immediately available.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period not less than ten days, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, news. papers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, fifty-seven thousand five hundred dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast line battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of about thirteen thousand five hundren tons, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million six hundred thousand dollars each; three armored cruisers of about twelve thousand tons trial displacement, carrying the heaviest armor and most powerful ordnance for vessels of their class, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million dollars each; and six protected cruisers of about two thousand five hundred tons trial displacement, to be sheathed and coppered, and to have the highest speed compatible with good cruising qualities, great radius of action, and to carry the most powerful ordnance suited to vessels of their class, and to cost, exclusive of armament, not exceeding one million one hundred and forty-one thousand eight hundred dollars each; and the contracts for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery;

and not more than two of the seagoing battleships and not more than two of the armored cruisers herein provided for and not more than two of the protected cruisers herein provided for shall be built in one yard or by one contracting party; and in the construction of all said vessels all of the provisions of the Act of May fourth, eighteen hundred and ninety-eight, entitled "An Act making appropriations for the naval establishment for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," shall be observed and followed; and, subject to the provisions hereinafter made, one and not more than one of the aforesaid seagoing battle ships, and one and not more than one of the aforesaid armored cruisers shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, said vessels, or either of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other battle ships or cruisers provided for in this Act, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, five million nine hundred and ninety-two thousand four hundred and two dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of July twenty-sixth, eighteen hundred and ninety-four, of the vessels authorized under the Act of March second, eighteen hundred and ninety-five, of those authorized by the Act of June tenth, eighteen hundred and ninety-six, of those authorized by the Act of March third, eighteen hundred and ninety-seven, of those authorized by the Act of May fourth, eighteen hundred and ninety-eight, and of those authorized by this Act, four million dollars: *Provided*, That in procuring armor for the seagoing coast-line battle ships and the harbor defense vessels of the monitor type, authorized by the Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes, approved May fourth, eighteen hundred and ninety-eight, the Secretary of the Navy may contract for suitable armor for said vessels under the limitations as to price for the same as fixed by this Act: *And provided further*, That no contracts for the armor for any vessels authorized by this Act shall be made at an average rate exceeding three hundred dollars per ton of two thousand two hundred and forty pounds, including royalties, and in no case shall a contract be made for the construction of the hull of any vessel authorized by this Act until a contract has been made for the armor of such vessel.

The President is hereby authorized to appoint, by selection and promotion, an Admiral of the Navy, who shall not be placed upon the retired list except upon his own application; and whenever such office shall be vacated by death or otherwise the office shall cease to exist.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized, four hundred thousand dollars.

Approved, March 3, 1899.

FIFTY-SIXTH CONGRESS, FIRST SESSION—JUNE 7, 1900.

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and one, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and one, and for other purposes:

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's secretary; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers, receiving ships and other vessels; for four additional clerks, one to commandant, at one thousand five hundred dollars per year, and one to paymaster and general storekeeper, at one thousand three hundred dollars per year, at Honolulu, and one to commandant, at one thousand five hundred dollars per year, and one to paymaster and general storekeeper, at one thousand three hundred dollars per year, at Samoa; commutation of quarters for officers on shore not occupying public quarters; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposit by men; pay of petty officers, seamen, landsmen, and apprentice boys, including men in the engineers' force and for the Fish Commission, seventeen thousand five hundred men and two thousand five hundred apprentices under training at training stations and on board training ships, and for men detailed for duty with naval militia at the pay prescribed by law, twelve million eight hundred and ten thousand eight hundred and ninety-seven dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and transportation of baggage allowed by regulations, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing,

foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés, and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, five hundred thousand dollars: *Provided*, That in lieu of traveling expenses and all allowances whatsoever connected therewith, including transportation of baggage, officers of the Navy traveling from point to point within the United States under orders shall hereafter receive mileage at the rate of eight cents per mile, distance to be computed by the shortest usually traveled route; but in cases where orders are given for travel to be performed repeatedly between two or more places in the same vicinity the Secretary of the Navy may, in his discretion, direct that actual and necessary expenses only be allowed. Actual expenses only shall be paid for travel under orders outside the limits of the United States in North America.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices, at Washington, District of Columbia, ten thousand dollars, and to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action, ashore or afloat, outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for transportation of the remains of officers and men who have died or who have been killed while on duty at any time since April twenty-first, eighteen hundred and ninety-eight.

EMERGENCY FUND, NAVY DEPARTMENT.

To meet unforeseen contingencies for the maintenance of the Navy constantly arising, to be expended at the discretion of the President, three hundred thousand dollars.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: For expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad and of officers accompanying them; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges, and medals for boys, schoolbooks for training apprentices, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen, and impossible to classify, eighty thousand dollars.

GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges, for hiring established ranges, and for transporting to and from ranges, twelve thousand dollars.

OUTFITS FOR NAVAL APPRENTICES: For outfits for two thousand five hundred naval apprentices, at forty-five dollars each, one hundred and twelve thousand five hundred dollars.

OUTFITS FOR LANDSMEN: For outfits for two thousand five hundred landsmen under training for seamen, at forty-five dollars each, one hundred and twelve thousand five hundred dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, thirty thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Three sets of officers' quarters, twenty-five thousand dollars; extension of wharf, three thousand dollars; sick quarters for apprentices, one thousand five hundred dollars; additional boiler, engine, and dynamo for lighting buildings, three thousand dollars; stable, one thousand two hundred and fifty dollars; fitting storehouse for general storekeeper in basement of barracks, one thousand dollars; in all, thirty-four thousand seven hundred and fifty dollars; to be immediately available.

NAVAL TRAINING STATION, RHODE ISLAND: For maintenance of naval apprentice training station Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, forty-five thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND—BUILDINGS: For building breakwater, wharf, and sea wall for new barracks, twenty-five thousand dollars; for two thousand feet of six-inch water mains with valves complete for new barracks, four thousand eight hundred dollars; reclaiming basin northwest of main causeway, nine thousand five hundred dollars; building and furnishing storehouse for general storekeeper, ten thousand dollars; power house to be fitted with boilers, dynamos, connections, and so forth, for lighting the new bar

this station, and a salt-water pumping outfit for fire protection to be installed in the same building, to be immediately available, nine thousand five hundred and fifty dollars; in all, naval training station, Rhode Island, fifty-eight thousand eight hundred and fifty dollars.

NAVAL WAR COLLEGE, COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year, nine thousand two hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: For one superintendent of grounds, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at six hundred dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, nine hundred dollars; repairs to buildings, boilers, furnaces, furniture and repairs to the same, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; for support of beneficiaries, fifty thousand nine hundred and seventy dollars; in all, for Naval Home, seventy-six thousand four hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory; and for target practice, five hundred thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

Purchase and erection of new and improved machinery for the shops *of the gun plant* at the Washington Navy-Yard, viz: For existing

shops, fifty thousand dollars; for one new proposed shop estimated for by the Bureau of Yards and Docks, one hundred thousand dollars; for new and improved machinery for the instruction of seamen gunners, twenty-five thousand dollars; in all, gun plant at Washington, one hundred and seventy-five thousand dollars.

For new watchmen's quarters and inclosure fence for gun park at Saint Helena, Norfolk Navy-Yard, five thousand five hundred dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

BUILDINGS, NAVAL STATION, PUGET SOUND: For erection and equipment of ordnance shop and two magazine buildings at Bremerton, Puget Sound Naval Station, eighty thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipments, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars. And the Secretary of the Navy is hereby authorized and empowered to use any part of the share of moneys heretofore or herein appropriated for arming and equipping the Naval Militia forces of the State of Connecticut in repairing the boilers of United States steamship Elfrida as he, the Secretary, may deem proper and advisable.

FITTING FORT LAFAYETTE AS MAGAZINE: Additional work necessary in fitting Fort Lafayette, New York Harbor, for use as a naval magazine, fifteen thousand dollars.

NAVAL MAGAZINE, NORFOLK, VIRGINIA: Railroad track, lightning rods, grading, filling, ditching and draining, and other necessary improvements at the naval magazine, Saint Juliens Creek, near Norfolk, Virginia, twenty thousand dollars.

NAVAL MAGAZINE, DOVER, NEW JERSEY: Improvements at the naval magazine, Dover, New Jersey, including a new storehouse and magazine, light, heat, and power plant connected with small machine shop, new wagon shed, railroad connections to new buildings and with the Morris County Railroad, water reservoir, fire system, grading, and road improvements, one hundred thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of the like character, thirty thousand dollars.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incide
penses attending inspection of ordnance material, thirty
dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at nine hundred dollars; in all, fifteen thousand four hundred and eighty-nine dollars and fifty cents;

Smokeless-powder factory: For one chemist, at two thousand five hundred dollars; one assistant chemist, at one thousand six hundred dollars; in all, four thousand one hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval proving ground, Indian Head, Maryland: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, thirty-two thousand six hundred and twenty-four dollars; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For purchase of coal for steamers' and ship's use, including expenses of transportation, storage, and handling the same; hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries

for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages, for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographic instruments and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other Bureaus, two million six hundred thousand dollars.

OCEAN AND LAKE SURVEYS: For hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same, one hundred thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal, and other fuel, for the supply of steamships of war, seven hundred thousand dollars.

EQUIPMENT PLANT AT CAVITE, PHILIPPINE ISLANDS: For the purchase of the necessary tools and appliances for the enlargement and for increasing the facilities of the equipment plant at Cavite, Philippine Islands, twenty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; in all, five thousand five hundred and twenty-five dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at nine hundred and fifty dollars; in all, three thousand five hundred and fifty dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, at one thousand six hundred dollars;

Cavite, Philippine Islands: For one electrician, at five dollars and four cents per diem, one thousand five hundred and seventy-seven dollars and fifty-two cents;

In all, civil establishment, Bureau of Equipment, nineteen thousand and fifty-two dollars and fifty-two cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawing; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber-wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards and for the Bureau of Yards and Docks; coal and other fuel, candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, four hundred and seventy-five thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; in all, five thousand eight hundred and eighty-five dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; in all, eight thousand four hundred and sixteen dollars and twenty-five cents.

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two *masters of tugs*, at one thousand five hundred dollars each; two writers, *at nine hundred* dollars each; one foreman laborer, at four dollars and

fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand two hundred dollars; in all, twenty thousand two hundred and sixty-six dollars and thirteen cents.

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum.

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; in all, five thousand four hundred and seventy-eight dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand four hundred and ninety-five dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; in all, nine thousand seven hundred and fifty-eight dollars and sixty-three cents.

Naval station, Port Royal, South Carolina: One clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one master of tugs, one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one telegraph operator, at two dollars per diem, including Sundays; one electrician, at one thousand two hundred dollars; in all, six thousand five hundred and forty-six dollars and fifty cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars.

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, *at one thousand* two hundred dollars; one quarterman joiner,

at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; in all, fourteen thousand and ninetyone dollars and sixty-seven cents.

Naval station, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; in all, four thousand six hundred and seven dollars and forty cents.

In all, civil establishment, Bureau of Yards and Docks, eighty-three thousand four hundred and thirty-nine dollars and eighty-three cents; and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, forty thousand dollars; grading, twenty-five thousand dollars; railroad and rolling stock, forty-five thousand dollars; sewer systems, extensions, five thousand dollars; water systems, extensions, eighteen thousand dollars; machine shop for equipment, one hundred thousand dollars; machine shop for steam engineering, fifty thousand dollars; smith shop for construction and repair, twenty-two thousand dollars; latrines, two thousand dollars; remodeling building forty-two for yards and docks, six thousand dollars; office building for construction and repair, fifteen thousand dollars; underground conduit system, eighteen thousand dollars; fire-protection system, sixty thousand dollars; in all, four hundred and six thousand dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Ship fitters' shop, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; metal workers' shop, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; rebuilding building forty-two, seventy-five thousand dollars; refitting and improving machine shop numbered one, building forty-two, to cost not more than one hundred thousand dollars, for which contract is hereby authorized, fifty thousand dollars; trusses under pattern-shop floor, building forty-two, ten thousand dollars, extension of building forty, equipment shops, one hundred thousand dollars; chain and anchor-storage shed for equipment, ninety thousand dollars; yards and docks shop building, ninety thousand dollars; new piers and wharves, fifty thousand dollars; paving, twenty-five thousand dollars; railroad and platform scales, five thousand three hundred dollars; crane scow, twenty thousand dollars; wharf-pillar crane, six thousand dollars; dredging, thirty thousand dollars; new caisson for stone dry dock, to be immediately available, forty thousand dollars, and the unexpended appropriation for swinging gates in the Act of March third, eighteen hundred and ninety-seven, is hereby reappropriated for caisson; machine tools for yards and docks shops, five thousand dollars; electric elevators, ten thousand dollars, smithery for construction and repair, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; fire-protection system, sixty thousand dollars; in all, navy-yard, Boston, nine hundred and sixty-six *thousand* three hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: To complete railroad system with terminal bridge and float, thirty thousand dollars; quay wall, Whitney Basin, to complete, fifty thousand dollars; reconstructing building twenty-one for boathouse, to cost not more than one hundred and eighty-five thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; completing the conversion of building numbered eight, twelve thousand two hundred dollars, to be immediately available; paving and grading, to continue, forty-two thousand dollars; extending yard sewers, to continue, eight thousand dollars; granite and concrete dry dock, to cost not more than one million dollars, for which contract is hereby authorized, two hundred thousand dollars; pay office and auction rooms, eighteen thousand dollars; storehouse for naval-supply fund stores, to cost not more than one hundred and fifty thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; extending electric light and power plant, twenty-five thousand dollars; removing crib work, and so forth, Cob Dock, eight thousand dollars; pumping plant, dry dock numbered three, to be immediately available, eighty thousand dollars; surgeons' office and dispensary, twelve thousand dollars; fire protection system, to cost not more than one hundred and sixty-two thousand dollars, one hundred thousand dollars; completing repairs to dry dock numbered two, three hundred thousand dollars, to be immediately available; bascule bridge, one hundred and fifteen thousand dollars; new roof for building numbered twelve, four thousand dollars; completing building numbered twenty-three (two elevators), four thousand seven hundred dollars; in all, navy-yard, New York, New York, one million two hundred and eight thousand nine hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To complete one pair shear legs, seventeen thousand dollars; to complete new coping for dry dock, twenty-eight thousand dollars; extension of reserve basin, to continue dredging, one hundred thousand dollars; to continue increase of electric plant, twenty thousand dollars; to complete fireproof storehouse for equipment, eighteen thousand dollars; electrical workshop and storehouse for equipment, eighty-four thousand dollars; to continue retaining wall about reserve basin, one hundred thousand dollars; grading and paving, fifteen thousand dollars; shed for combustibles, fifteen thousand dollars; machine shop for steam engineering, to cost not more than one hundred and seventy-four thousand dollars, for which contract is hereby authorized, seventy-four thousand dollars; foundry and coppersmith shop for steam engineering, to cost not more than one hundred and eighteen thousand dollars, for which contract is hereby authorized, sixty thousand dollars; boiler and blacksmith shop for steam engineering, to cost not more than one hundred and eighteen thousand dollars, for which contract is hereby authorized, sixty thousand dollars; pattern shop and storehouse for patterns for steam engineering, sixty-one thousand five hundred dollars; smithery shop for construction and repair, forty-three thousand two hundred dollars; angle smithery for construction and repair, thirty-six thousand dollars; plumbers' and coppersmiths' shop and foundry for construction and repair, to cost not more than one hundred and three thousand eight hundred and eighty dollars, for which contract is hereby authorized, sixty thousand dollars; block, cooper, and spar shops for construction and repair, to cost not more than one hundred and thirteen thousand four hundred dollars, for which contract is hereby authorized, sixty

thousand dollars; fireproof shed for painting and storage of canvas, three thousand eight hundred dollars; extension of water system, eighteen thousand dollars; chain shed and anchor rack, eleven thousand dollars; trolley car and line in navy-yard, five thousand dollars; fire-protection system, fifty thousand dollars; in all, navy-yard, League Island, nine hundred and thirty-nine thousand five hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Extension of store numbered one, eighteen thousand dollars; paving, fifty thousand dollars; underground conduit system, thirty thousand dollars; fireproof floors for pattern shop, fifteen thousand dollars; boiler house for heating plant, fourteen thousand five hundred dollars; skylight for north gun shop, three thousand two hundred and two dollars and thirty-two cents; storehouse for combustible material, four thousand dollars; coal shed and coal-handling appliances, forty thousand dollars; fire-protection system, forty thousand dollars; tool shop, eighty-six thousand three hundred dollars; gunner's workshop, eighty thousand eight hundred dollars; extension of forge shop and new roof, thirty-two thousand three hundred dollars; completing shop and office building for construction and repair, thirty thousand dollars; in all, navy-yard, Washington, four hundred and forty-four thousand one hundred and two dollars and thirty-two cents.

NAVY-YARD, NORFOLK, VIRGINIA: Quay wall north of timber basin, twenty-five thousand dollars; concrete and granite dry dock, to cost not more than one million two hundred thousand dollars, for which contract is hereby authorized, two hundred thousand dollars; remodeling machine shop for steam engineering, sixty thousand dollars; extension of locomotive crane track, fifteen thousand dollars; increasing electric plant, twenty thousand dollars; office building for steam engineering, twenty thousand dollars; storehouse for yards and docks, forty five thousand dollars; paving and grading, twenty thousand dollars; garbage crematory, five thousand dollars; stables, seven thousand five hundred dollars; surgeons' office and dispensary, ten thousand dollars; remodeling steamfitters' and plumbers' shop for construction and repair, fifteen thousand dollars; new altars for timber dry dock, fifteen thousand dollars; laundry at Saint Helena for receiving ship, five thousand dollars; sewers, four thousand dollars; constructing ship furniture rooms in building numbered thirty, two thousand five hundred dollars; alterations in building numbered fifteen, storehouse, three thousand two hundred dollars; in all, navy-yard, Norfolk, Virginia, four hundred and seventy-two thousand two hundred dollars.

NAVAL STATION, NEW LONDON, CONNECTICUT: The unexpended balance of an appropriation under the Act of July seventh, eighteen hundred and ninety-eight, for coal sheds and machinery is hereby reappropriated for rebuilding wharf.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Toward rebuilding dry dock, to cost not to exceed five hundred thousand dollars, one hundred and fifty thousand dollars, and the Secretary of the Navy is hereby authorized to rebuild or repair said dock in concrete or stone, or both, as he may elect; condensing plant, thirty thousand dollars; fire-engine house, nine thousand dollars; grading and drainage, two thousand dollars; purchase of land, twenty-six thousand dollars; crane supports in steam-engineering machine shop, ten thousand dollars; in all, naval station, Port Royal, two hundred and twenty-seven thousand dollars.

The expenditure of the appropriations hereinbefore provided under the head of Public Works in the Bureau of Yards and Docks at the naval station, Port Royal, South Carolina, is left in the discretion of the Secretary of the Navy, who is hereby authorized and directed to forthwith appoint a board of naval officers whose duty it shall be to examine into the expediency of changing said station to some point in the State of South Carolina at or near the city of Charleston, and, if the Secretary on such examination shall decide that such change is expedient and desirable, he is authorized to expend the money hereinbefore appropriated upon such new naval station and a dock therefor having thirty feet depth of water on the sill at mean high tide; and for the purchase of a site for the same he is authorized to expend out of said appropriation a sum not to exceed one hundred thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: Building for equipment, forty-seven thousand dollars; construction and repair shop, fifty thousand dollars; floor in new machine shop, steam engineering, three thousand dollars; in all, naval station, Key West, one hundred thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Tools for yards and docks, ten thousand dollars; sewers, ten thousand dollars; sidewalks and roads, fifteen thousand dollars; water system, one hundred and seven thousand dollars; enlarging freight shed, five thousand dollars; medical dispensary, seven thousand five hundred dollars; light and power station, thirty thousand dollars; shelter roof for construction and repair, two thousand two hundred dollars; joiner shop for construction and repair, to cost not more than one hundred thousand dollars, for which contract is hereby authorized, fifty thousand dollars; anchor shed, seven thousand dollars; to continue quay wall, thirty thousand dollars; for the construction of a chapel, five thousand dollars; crane scow, twelve thousand dollars; to continue dredging, one hundred thousand dollars; foundry for construction and repair, four thousand five hundred dollars; pattern shop for construction and repair, six thousand dollars; coal storage, fifty thousand dollars; changes and extensions in electric system, twelve thousand dollars; enlargement of equipment offices, building sixty-five, five thousand dollars; completing workshop and boiler house for Bureau of Equipment, ten thousand dollars; in all, navy-yard, Mare Island, four hundred and seventy-eight thousand two hundred dollars.

NAVAL STATION, PUGET SOUND, WASHINGTON: Yard scow, three thousand five hundred dollars; water system, additions, twelve thousand dollars; fence about station, entrance gate, and guard quarters, fifteen thousand dollars; sewers, two thousand five hundred dollars; angle, plate, and smithery shed, twelve thousand dollars; wharf crane, five thousand dollars; fire-protection system, additions, seven thousand dollars; composition fittings for dry dock, five thousand dollars; dry-dock pumping plant, improvements, two thousand one hundred and sixty-five dollars; electric-light plant, to complete, seven thousand dollars; to continue grading, ten thousand dollars; equipment shop, eighty-five thousand dollars; coal shed and appliances, forty thousand dollars; in all, naval station, Puget Sound, Washington, two hundred and six thousand one hundred and sixty-five dollars.

And the Secretary of the Navy is hereby authorized and directed to appoint a board of naval officers to determine the desirability of locating and constructing a dry dock on the Columbia River, Oregon, and

to report such finding to the next session of the present Congress; and the sum of one thousand dollars, or so much thereof as may be necessary, is hereby appropriated to defray the expenses of said board.

NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, thirty thousand dollars; pier, fifteen thousand dollars; dredging, two thousand dollars; electric-light plant, five thousand dollars; in all, naval station, San Juan, Porto Rico, fifty-two thousand dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Hand pillar crane, seven thousand three hundred dollars; boiler and engine room, building twenty-six, for construction and repair, one thousand dollars; boiler room, building thirty-eight, for construction and repair, one thousand two hundred dollars; in all, navy-yard, Pensacola, nine thousand five hundred dollars.

NAVAL STATION, ALGIERS, LOUISIANA: Shops for steam engineering, fifty thousand dollars; shops for construction and repair, ninety-five thousand dollars; in all, naval station, Algiers, one hundred and forty-five thousand dollars.

DREDGING, DRY TORTUGAS, FLORIDA: Dredging channel, one hundred thousand dollars.

DRY DOCK, ALGIERS, LOUISIANA: To complete floating dry dock for Algiers, Louisiana, six hundred and fifty thousand dollars, to be immediately available.

FOUR DRY DOCKS: Toward completion of dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Massachusetts; League Island, Pennsylvania, and Mare Island, California, nine hundred thousand dollars.

DRY DOCK, HAVANA, CUBA: The President is hereby authorized to purchase from the Government of Spain, for a sum not to exceed two hundred and seventy-five thousand dollars, the ten-thousand-ton steel floating dry dock belonging to that Government and now in the harbor of Havana, Cuba, and the sum of three hundred thousand dollars, or so much thereof as may be necessary, is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purchase of said dock and for transferring and mooring the same in such location as may be determined upon by the President.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

In all, public works, eight million one hundred and five thousand eight hundred and sixty-seven dollars and thirty-two cents.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, three hundred and fifty thousand dollars: *Provided*, That before any part of this sum is expended, complete plans shall be prepared and approved by the Secretary of the Navy covering all contemplated new buildings and improvements at the Naval Academy and for each and every purpose connected therewith; which plans shall involve a total expenditure of not more than eight million dollars, including the sum of one million two hundred and twenty thousand dollars heretofore appropriated and the sum herein appropriated for said buildings and improvements and for all additional land needed and required to carry out the aforesaid plans: *Provided further*, That after the preparation and approval of the plans

herein provided for, the Secretary of the Navy is authorized to enter into contract or contracts for any part or all of the improvements and buildings herein authorized, within the said limit of cost, to be paid for as appropriations may from time to time be made by law.

NAVAL OBSERVATORY: For grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

NEW BUILDINGS: Construction on the grounds of a building suitable for a dwelling for the foreman and captain of the watch, two thousand five hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory and department of instruction, museum of hygiene, and Naval Academy, ninety-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars: *Provided*, That from and after July first, nineteen hundred, all forfeitures on account of desertion shall be passed to the credit of the naval hospital fund.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, and all other necessary contingent expenses, thirty thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharfs, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

NAVAL HOSPITAL, NEW YORK, NEW YORK: Removing old boilers, condemned as worn-out and worthless, and furnishing and installing two new boilers at naval hospital, New York, five thousand dollars.

NAVAL HOSPITAL, NEWPORT, RHODE ISLAND: Addition to the naval hospital at naval training station, Newport, Rhode Island, twenty thousand dollars.

NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: New boiler house, boilers, and equipment for naval hospital, Mare Island, California, ten thousand dollars.

The active list of surgeons shall hereafter consist of fifty-five, and that of passed assistant and assistant surgeons of one hundred and ten. Assistant surgeons shall rank with assistant surgeons in the Army: *Provided*, That the assistant surgeons under the age of fifty years appointed for temporary service during the war with Spain, having creditable records, who are now in the Navy may be given permanent commissions. Section thirteen of the Act approved March third, eighteen hundred and ninety-nine, entitled "An Act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," is hereby so amended as to provide that nothing therein contained shall operate to reduce the pay which, but for the passage of said Act, would have been received by any commissioned officer at the time of its passage or thereafter.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes in cases of death or desertion, upon orders of the commanding officer, commuted rations for officers on sea duty (other than commissioned officers of the line, medical and pay corps and chief boatswains, chief gunners, chief sailmakers, chief carpenters) and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund, subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given), labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, two million five hundred thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards, expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, one hundred and fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each, one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars. In yard pay office: One writer, at one thou-

sand and seventeen dollars and twenty-five cents; in all, four thousand and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty thousand three hundred and twelve dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; in all, one thousand nine hundred and twenty dollars.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: T › book-keepers, at one thousand two hundred dollars each; two ‹ ›istant bookkeepers, at one thousand and seventeen dollars and tw‹ y cents each; one bill clerk, at one thousand dollars; one assisu clerk, at seven hundred and twenty dollars; one receiving ‹

nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents.

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; in all, ten thousand eight hundred dollars.

In all, civil establishment, Bureau of Supplies and Accounts, eighty-one thousand two hundred and thirty-two dollars and three cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, six million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, twenty-five thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repair to and improvement of construction plant at navy-yard, Boston, Massachusetts, twenty-five thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of construction plant at navy-yard, New York, New York, twenty-five thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of construction plant at navy-yard, League Island, Pennsylvania, twenty-five thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of construction plant at navy-yard, Norfolk, Virginia, twenty-five thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to and improvement of construction plant at navy-yard, Pensacola, Florida, five thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to and improvement of construction plant at navy-yard, Mare Island, California, twenty-five thousand dollars.

Construction plant, naval station, Port Royal, South Carolina: Repairs to and improvement of construction plant at naval station, Port Royal, South Carolina, five thousand dollars.

Construction plant, naval station, Puget Sound, Washington: Repairs to and improvement of construction plant at Puget Sound Naval Station, Washington, twenty-five thousand dollars.

Construction plant, naval station, Algiers, Louisiana: Construction plant at naval station, Algiers, Louisiana, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents.

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents.

Naval station, Port Royal, South Carolina: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Puget Sound Naval Station, Washington: One clerk to naval constructor, one thousand four hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, twenty-five thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, one million five hundred and eighty-five thousand dollars:

Provided, That no part of the said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repairs shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, nine hundred and sixty thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars.

In all, steam machinery, two million five hundred and sixty thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT, NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Modern machine tools required to fit out plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Additional machine tools to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVAL STATION, ALGIERS, LOUISIANA: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, HONOLULU, HAWAII: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, SAN JUAN, PORTO RICO: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For one clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: For one clerk to department, one thousand four hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk to department, *at one thousand* four hundred dollars; one messenger, at six hundred *dollars; one writer*, at one thousand dollars; in all, three thousand *dollars;*

In all, civil establishment, Bureau of Steam Engineering, thirteen thousand three hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service. Section four hundred and twenty-four of the Revised Statutes is hereby amended so as to read as follows: The Chief of the Bureau of Steam Engineering shall be appointed from the line of officers of the Navy not below the grade of lieutenant-commander, and shall be a skillful engineer.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, fifty-nine thousand nine hundred and ninety-one dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars each per diem; foreman of gas and steam heating works of the Academy, at five dollars per diem; for laborer at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred *and twenty-four* dollars and fifty cents.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; for heating and lighting the Academy, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-three thousand eight hundred dollars.

Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his Congressional district or at large in accordance with existing law.

The appointees to follow the two classes of cadets now at sea may enter the Academy during the present year and those to succeed the class which is now finishing its four years of study shall be appointed before March fourth, next, to enter the Academy during the year nineteen hundred and one.

During a period of twelve years from the passage of this Act any naval officer on the retired list may, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed shall receive the pay and allowances of an officer of the active list of the grade from which he was retired.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, four hundred and sixteen thousand nine hundred dollars.

Pay of officers on the retired list: For one colonel, three lieutenant-colonels, one adjutant and inspector, two quartermasters, four majors,

nine captains, three first lieutenants, and three second lieutenants, fifty-six thousand six hundred and seventy dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men authorized for the Marine Corps shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million one hundred and twelve thousand five hundred and forty-eight dollars.

Pay and allowance of retired enlisted men: For one sergeant-major, two drum-majors, six first-class musicians, fifteen first sergeants, twenty-seven sergeants, five corporals, one drummer, two fifers, and forty-nine privates, and for those who may be retired during the year, thirty-six thousand five hundred dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty thousand dollars.

Mileage: For mileage of officers traveling under orders without troops, twelve thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars.

PAY OF CIVIL FORCE: In the office of the brigadier-general commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant adjutant and inspector: One clerk, one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, twenty-one thousand four hundred and thirty-six dollars and twenty-three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musi-

cians, and privates serving ashore; for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, and for ice for preservation of rations, three hundred and seventy-one thousand and seventy-one dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation therefor, other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, two hundred and ninety thousand one hundred and ninety-nine dollars and fifty-four cents.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, thirty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets and purchase and repair of tents and field ovens, purchase and repair of imstruments of band, purchase of music and musical accessories, purchase and marking of medals for excellence in gunnery and rifle practice, good-conduct badges, for incidental expenses of the school of application, purchase of signal equipment and stores, for the establishment and maintenance of targets and ranges, and renting ranges, and for procuring, preserving, and handling ammunition and other necessary military supplies, forty-six thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, thirty-five thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings, twenty thousand dollars.

Additions to barracks at New York, New York, fifteen thousand dollars.

Additions to barracks at Portsmouth, New Hampshire, five thousand dollars.

Erection of a building for use of the band of the Marine Corps, and enlisted men's quarters at Headquarters, Washington, District of Columbia, four thousand five hundred dollars.

Erection of new barracks of fireproof material at League Island, *Pennsylvania*, one hundred thousand dollars.

Increasing the size and capacity of the naval prison, Mare Island Navy-Yard, California, fifteen thousand dollars.

Erection of officers' quarters at Sitka, Alaska, one thousand dollars, and the unexpended appropriation of two thousand five hundred dollars authorized in Act of June tenth, eighteen hundred and ninety-six, is hereby reappropriated for the erection of officers' quarters at Sitka, Alaska.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, three thousand three hundred dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the quartermaster's department, and the authorized number of officers' horses, six thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspector, the assistant paymaster, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, fourteen thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillow-cases, towls, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, sixty-one thousand seven hundred dollars: *Provided*, That four thousand two hundred dollars of the foregoing appropriation shall be applied to the restoration of the sewer system for the Marine Barracks, Mare Island.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract two seagoing battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class, upon a trial displacement of about thirteen thousand five hundred tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million six hundred thousand dollars each; three armored cruisers of about thirteen thousand tons trial displacement, carrying the heaviest armor and most powerful ordnance for vessels of their class, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two hundred and fifty thousand dollars each; and three protected cruisers of about eight thousand tons trial displacement, carrying the most powerful ordnance for vessels of their class and to have the highest speed compatible with good cruising qualities, and great radius of action, and to cost, exclusive of armament, not exceeding two million eight hundred thousand dollars each; and the contract for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and not more than two of the vessels herein provided for shall be built in one yard or by one contracting party; and in the construction of all said vessels all the provisions of the Act of March third, eighteen hundred and ninety-nine, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred, and for other purposes," shall be observed and followed; and subject to the provisions hereinafter made, two and not more than two of the aforesaid vessels shall be built on or near the coast of the Pacific Ocean, or in the waters connecting therewith: *Provided*, That if it shall appear to the satisfaction of the President from the biddings for such contracts, when the same are opened and examined by him, that said vessels, or any of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other vessels provided for in this Act, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twelve million seven hundred and forty thousand six hundred and ninety-nine dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by Act of March second, eighteen hundred and ninety-five; for those authorized by the Act of June tenth, eighteen hundred and ninety-six; for those authorized by the Act of March third, eighteen hundred and ninety-seven; for those authorized by the Act of May fourth, eighteen hundred and ninety-eight; for those authorized by the Act of March third, eighteen hundred and ninety-nine, and for those authorized by this Act, four million dollars: *Provided*, That the Secretary of the Navy is hereby authorized to procure by contract armor of the best quality for any or *all vessels* above referred to, provided such contracts can be made at a

price which in his judgment is reasonable and equitable; but in case he is unable to make contracts for armor under the above conditions, he is hereby authorized and directed to procure a site for and to erect thereon a factory for the manufacture of armor, and the sum of four million dollars is hereby appropriated toward the erection of said factory.

The Secretary of the Navy is hereby authorized and directed to contract for five submarine torpedo boats of the Holland type of the most improved design, at a price not to exceed one hundred and seventy thousand dollars each: *Provided*, That such boats shall be similar in dimensions to the proposed new Holland, plans and specifications of which were submitted to the Navy Department by the Holland Torpedo Boat Company November twenty-third, eighteen hundred and ninety-nine.

The said new contract and the submarine torpedo boats covered by the same are to be in acordance with the stipulations of the contract of purchase made April eleventh, nineteen hundred, by and between the Holland Torpedo Boat Company, represented by the Secretary of said company, the party of the first part, and the United States, represented by the Secretary of the Navy, the party of the second part.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized, four hundred thousand dollars.

Approved, June 7, 1900.

[PUBLIC—No. 157.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and two, and for other purposes

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and two, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers, receiving ships and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, who shall hereafter receive the same commutation for quarters as second lieutenants of the Marine Corps; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice boys, including men in the engineers' force, and for the Fish Commission, twenty-two thousand five hundred men, fifty additional warrant machinists, and two thousand five hundred apprentices under training at training stations and on board training ships, and for men detailed for duty with naval militia, at the pay prescribed by law, fifteen million two hundred thousand two hundred and eighty-four dollars, of which sum fifty thousand dollars is hereby made immediately available for pay of additional men and warrant machinists: *Provided*, That officers of the Navy, and officers and enlisted men of the Marine Corps, who have been detailed, or may hereafter be detailed, for shore duty in Alaska, the Philippine Islands, Guam, or elsewhere beyond the continental limits of the United States, shall be considered as having been detailed for "shore duty beyond seas," and shall receive pay accordingly, with such additional pay as may be provided by law for service in island possessions of the United States.

That the advancement in rank of officers of the Navy and Marine Corps, whensoever made, for service rendered during the war with Spain, pursuant, respectively, to the provisions of sections fifteen hundred and six and sixteen hundred and five of the Revised Statutes, shall not interfere with the regular promotion of officers otherwise entitled to promotion, but officers so advanced, by reason of war service, shall, after they are promoted to higher grades, be carried thereafter as additional to the numbers of each grade to which they may at any time be promoted; and each such officer shall hereafter be promoted in due course, contemporaneously with and to take rank next after the officer immediately above him; and all advancements made by

reason of war service shall be appropriately so designated upon the official Navy list: *Provided, however*, That no promotion shall be made to fill a vacancy occasioned by the promotion, retirement, death, resignation, or dismissal of any officer who, at the time of such promotion, retirement, death, resignation, or dismissal, is an additional member of his grade under the foregoing provisions.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred thousand dollars: *Provided*, That in cases where orders are given to officers of the Navy or Marine Corps for travel to be performed repeatedly between two or more places in such vicinity as in the discretion of the Secretary of the Navy is appropriate, he may direct that actual and necessary expenses only be allowed.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, ten thousand dollars.

EMERGENCY FUND, NAVY DEPARTMENT.

To meet unforeseen contingencies for the maintenance of the Navy constantly arising, to be expended at the discretion of the President, two hundred and fifty thousand dollars, of which fifty thousand dollars shall be immediately available.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transporta-

tion of enlisted men and boys at home and abroad, and of officers accompanying them; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges and medals for boys, schoolbooks for training apprentices, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, one hundred and eighty thousand dollars.

GUNNERY EXERCISES: Prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, twelve thousand dollars.

OUTFITS FOR NAVAL APPRENTICES: Outfits for two thousand five hundred naval apprentices and one hundred hospital apprentices, at forty-five dollars each, one hundred and seventeen thousand dollars.

OUTFITS FOR LANDSMEN: Outfits for five thousand landsmen under training for seamen, at forty-five dollars each, two hundred and twenty-five thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, thirty thousand dollars.

To reimburse the appropriation "Naval training station, California, nineteen hundred and one," for the cost of securing a supply of fresh water from Oakland, California, six thousand four hundred and fifty-nine dollars and thirty-two cents, to be immediately available.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval apprentice training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones; and all other contingent expenses, forty-five thousand dollars.

NAVAL WAR COLLEGE, COASTERS HARBOR ISLAND, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island,

and care of grounds for same, including one draftsman, at one thousand two hundred dollars per year; in all, nine thousand two hundred dollars.

For the services of a lecturer on international law, one thousand dollars; for the services of civilian lecturers from universities and colleges rendered at the War College, six hundred dollars, and for the purchase of books of reference, four hundred dollars; in all, two thousand dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, nine hundred dollars; repairs to buildings, boilers, furnaces, furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; in all, for Naval Home, seventy-six thousand four hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory; and for target practice, five hundred thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

New and improved machinery for existing shops of the naval gun factory at the Washington Navy-Yard, fifty thousand dollars.

For new and improved machinery for the proposed new workshop

at the Washington Navy-Yard, estimated for by the Bureau of Yards and Docks, one hundred thousand dollars.

For automatic coal-conveying machinery and apparatus complete for the boiler-house stokers at the naval gun factory, nine thousand eight hundred and forty-nine dollars.

For equipment of the forge shop at the naval gun factory after extension and remodeling, as estimated for by the Bureau of Yards and Docks, including twenty-five ton crane and runways, steam hammer, small hammers, piping, wiring, and motors, forty thousand dollars.

Tools, machinery, and motive power for ordnance workshops and gun-carriage buildings at the navy-yard, Mare Island, California, twenty-four thousand dollars.

For new and improved battery for the Baltimore, one hundred and seventy-five thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

ARMS AND EQUIPMENT OF UNITED STATES MARINE CORPS: For small arms, machine and rapid-fire guns, accouterments, and ammunition therefor, for use of the United States Marine Corps, one hundred thousand dollars.

NAVAL PROVING GROUND: For the purchase of additional land for the naval proving ground at Indian Head, twenty-five thousand dollars.

NAVAL STATION, PUGET SOUND, WASHINGTON: For purchase of an ammunition lighter for ordnance purposes at the naval station, Puget Sound, eighteen thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage and express charges, repairs to fire engines, gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, nineteen thousand one hundred and six dollars and seventy-five cents.

Smokeless-powder factory: For one chemist, at two thousand five hundred dollars; one assistant chemist, at one thousand six hundred dollars; in all, four thousand one hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one writer, at one thousand two hundred dollars;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars.

In all, civil establishment, Bureau of Ordnance, thirty-six thousand six hundred and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

COAL AND TRANSPORTATION: For purchase of coal for steamers' and ships' use, including expenses of transportation, storage, and handling the same, two million dollars.

EQUIPMENT OF VESSELS. For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; foreign and local pilotage and towage of ships of war; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus,

namely, signals, lights, lanterns, rockets, and running lights, compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, one million five hundred thousand dollars.

OCEAN AND LAKE SURVEYS: For hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same, one hundred thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal and other fuel, for the supply of steamships of war, six hundred thousand dollars; and to enable him to acquire land for a naval station and harbor and channel defense at Pearl Harbor, Hawaii, one hundred and fifty thousand dollars; in all, eight hundred and fifty thousand dollars.

MAINTENANCE OF COLLIERS, NINETEEN HUNDRED AND TWO: For pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, three hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery for the Bureau; furniture for equipment offices in navy-yard; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, thirty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars; one writer, nine hundred and fifty dollars; in all, one thousand nine hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of ropewalk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars; one writer, at nine hundred and fifty dollars; in all, six thousand four hundred and seventy-five dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one writer, at nine hundred and fifty dollars; one writer, at nine hundred and fifty dollars; in all, four thousand five hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; in all, two thousand two hundred dollars;

nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents.

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; in all, ten thousand eight hundred dollars.

In all, civil establishment, Bureau of Supplies and Accounts, eighty-one thousand two hundred and thirty-two dollars and three cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, six million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, twenty-five thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repair to and improvement of construction plant at navy-yard, Boston, Massachusetts, twenty-five thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of construction plant at navy-yard, New York, New York, twenty-five thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of construction plant at navy-yard, League Island, Pennsylvania, twenty-five thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of construction plant at navy-yard, Norfolk, Virginia, twenty-five thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to and improvement of construction plant at navy-yard, Pensacola, Florida, five thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to *and improvement* of construction plant at navy-yard, Mare Island, *California, twenty*-five thousand dollars.

Construction plant, naval station, Port Royal, South Carolina: Repairs to and improvement of construction plant at naval station, Port Royal, South Carolina, five thousand dollars.

Construction plant, naval station, Puget Sound, Washington: Repairs to and improvement of construction plant at Puget Sound Naval Station, Washington, twenty-five thousand dollars.

Construction plant, naval station, Algiers, Louisiana: Construction plant at naval station, Algiers, Louisiana, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents.

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents.

Naval station, Port Royal, South Carolina: For one clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Puget Sound Naval Station, Washington: One clerk to naval constructor, one thousand four hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, twenty-five thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, one million five hundred and eighty-five thousand dollars.

Provided, That no part of the said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repairs shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, nine hundred and sixty thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars.

In all, steam machinery, two million five hundred and sixty thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT, NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Modern machine tools required to fit out plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Additional machine tools to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVAL STATION, ALGIERS, LOUISIANA: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, HONOLULU, HAWAII: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, SAN JUAN, PORTO RICO: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For one clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: For one clerk to department, one thousand four hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk to department, *one thousand* four hundred dollars; one messenger, at six hundred *s; one writer*, at one thousand dollars; in all, three thousand *s;*

In all, civil establishment, Bureau of Steam Engineering, thirteen thousand three hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service. Section four hundred and twenty-four of the Revised Statutes is hereby amended so as to read as follows: The Chief of the Bureau of Steam Engineering shall be appointed from the line of officers of the Navy not below the grade of lieutenant-commander, and shall be a skillful engineer.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, fifty-nine thousand nine hundred and ninety-one dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars each per diem; foreman of gas and steam heating works of the Academy, at five dollars per diem; for laborer at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

Provided, That no part of the said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repairs shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, nine hundred and sixty thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars.

In all, steam machinery, two million five hundred and sixty thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT, NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Modern machine tools required to fit out plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Additional machine tools to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

MACHINERY PLANT, NAVAL STATION, ALGIERS, LOUISIANA: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, HONOLULU, HAWAII: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

MACHINERY PLANT, NAVAL STATION, SAN JUAN, PORTO RICO: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For one clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: For one clerk to department, one thousand four hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: For one writer, at one thousand dollars;

Navy-yard, Mare Island, California: For one clerk to department, at one thousand four hundred dollars; one messenger, at six hundred *dollars; one writer*, at one thousand dollars; in all, three thousand *dollars;*

In all, civil establishment, Bureau of Steam Engineering, thirteen thousand three hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service. Section four hundred and twenty-four of the Revised Statutes is hereby amended so as to read as follows: The Chief of the Bureau of Steam Engineering shall be appointed from the line of officers of the Navy not below the grade of lieutenant-commander, and shall be a skillful engineer.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, fifty-nine thousand nine hundred and ninety-one dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: For the captain of the watch and weigher, at two dollars and fifty cents per diem; four watchmen, at two dollars each per diem; foreman of gas and steam heating works of the Academy, at five dollars per diem; for laborer at gas works and steam buildings, for masons, carpenters, and other mechanics and laborers, and for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in purifying house of the gas house, at one dollar and fifty cents per diem; in all, forty-four thousand and sixty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, twenty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; for heating and lighting the Academy, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-three thousand eight hundred dollars.

Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his Congressional district or at large in accordance with existing law.

The appointees to follow the two classes of cadets now at sea may enter the Academy during the present year and those to succeed the class which is now finishing its four years of study shall be appointed before March fourth, next, to enter the Academy during the year nineteen hundred and one.

During a period of twelve years from the passage of this Act any naval officer on the retired list may, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed shall receive the pay and allowances of an officer of the active list of the grade from which he was retired.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, four hundred and sixteen thousand nine hundred dollars.

Pay of officers on the retired list: For one colonel, three lieutenant-colonels, one adjutant and inspector, two quartermasters, four majors,

nine captains, three first lieutenants, and three second lieutenants, fifty-six thousand six hundred and seventy dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men authorized for the Marine Corps shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million one hundred and twelve thousand five hundred and forty-eight dollars.

Pay and allowance of retired enlisted men: For one sergeant-major, two drum-majors, six first-class musicians, fifteen first sergeants, twenty-seven sergeants, five corporals, one drummer, two fifers, and forty-nine privates, and for those who may be retired during the year, thirty-six thousand five hundred dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty thousand dollars.

Mileage: For mileage of officers traveling under orders without troops, twelve thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars.

PAY OF CIVIL FORCE: In the office of the brigadier-general commandant: For one chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant adjutant and inspector: One clerk, one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, twenty-one thousand four hundred and thirty-six dollars and twenty-three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musi-

cians, and privates serving ashore; for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, and for ice for preservation of rations, three hundred and seventy-one thousand and seventy-one dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation therefor, other than such as now are or may hereafter be allowed to enlisted men in the Army.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, two hundred and ninety thousand one hundred and ninety-nine dollars and fifty-four cents.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, thirty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets and purchase and repair of tents and field ovens, purchase and repair of imstruments of band, purchase of music and musical accessories, purchase and marking of medals for excellence in gunnery and rifle practice, good-conduct badges, for incidental expenses of the school of application, purchase of signal equipment and stores, for the establishment and maintenance of targets and ranges, and renting ranges, and for procuring, preserving, and handling ammunition and other necessary military supplies, forty-six thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, thirty-five thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings, twenty thousand dollars.

Additions to barracks at New York, New York, fifteen thousand dollars.

Additions to barracks at Portsmouth, New Hampshire, five thousand dollars.

Erection of a building for use of the band of the Marine Corps, and enlisted men's quarters at Headquarters, Washington, District of Columbia, four thousand five hundred dollars.

Erection of new barracks of fireproof material at League Island, *Pennsylvania*, one hundred thousand dollars.

Increasing the size and capacity of the naval prison, Mare Island Navy-Yard, California, fifteen thousand dollars.

Erection of officers' quarters at Sitka, Alaska, one thousand dollars, and the unexpended appropriation of two thousand five hundred dollars authorized in Act of June tenth, eighteen hundred and ninety-six, is hereby reappropriated for the erection of officers' quarters at Sitka, Alaska.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, three thousand three hundred dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the quartermaster's department, and the authorized number of officers' horses, six thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspector, the assistant paymaster, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, fourteen thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillow-cases, towls, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, sixty-one thousand seven hundred dollars: *Provided*, That four thousand two hundred dollars of the foregoing appropriation shall be applied to the restoration of the sewer system for the Marine Barracks, Mare Island.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and department of instruction, museum of hygiene, and Naval Academy, ninety-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene, for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses, thirty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharfs, outhouses, sidewalks, fences, gardens, farms, and cemeteries, twenty thousand dollars.

NAVAL HOSPITAL, NEWPORT, RHODE ISLAND: Filling pond, grading grounds, and additional appropriation for addition to naval hospital at naval-training station, Newport, Rhode Island, twenty thousand dollars, to be immediately available.

SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer; commuted rations for officers on sea duty (other than commissioned officers of the line, medical and pay corps and chief boatswains, chief gunners, chief sailmakers, chief carpenters) and naval cadets, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general *storehouses* and paymasters' offices in navy-yards, including naval sta-

tions maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, three million two hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, two hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; three receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one superintendent of coffee mills, at three dollars per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty thousand three hundred and twelve dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one assistant bookkeeper, at seven hundred and twenty dollars; one bookkeeper, at one thousand two hundred dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: In general store-

house: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse: One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; one receiving clerk, at nine hundred and forty-two dollars; one assistant receiving clerk, at seven hundred and twenty dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, eight thousand eight hundred and thirty-three dollars and seventy-five cents.

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two storemen, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars.

In all, civil establishment, Bureau of Supplies and Accounts, ninety-three thousand eight hundred and forty-nine dollars and twenty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards *and on foreign* stations; purchase of machinery and tools for use in

shops; carrying on work of experimental model tank; designing naval vessels; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, seven million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

The Secretary of the Navy is hereby directed to have the coast and the waters of the Philippine Islands examined into and to report to the next Congress upon the advisability of establishing a United States naval station on said coast and the most suitable place for the same.

IMPROVEMENT OF CONSTRUCTION PLANTS: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, fifty thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repair to and improvement of construction plant at navy-yard, Boston, Massachusetts, fifty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of construction plant at navy-yard, New York, New York, twenty-five thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of construction plant at navy-yard, League Island, Pennsylvania, fifty thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of construction plant at navy-yard, Norfolk, Virginia, fifty thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to and improvement of construction plant at navy-yard, Pensacola, Florida, fifteen thousand dollars.

Repairs to and improvement of construction plant at navy-yard, Mare Island, California, fifty thousand dollars.

Construction plant, naval station, Puget Sound, Washington: Repairs to and improvement of construction plant at Puget Sound Naval Station, Washington, thirty thousand dollars.

Construction plant, naval station, Algiers, Louisiana: Construction plant at naval station, Algiers, Louisiana, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents.

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Pensacola, Florida: One writer, at one thousand and seventeen dollars and twenty-five cents.

Naval station, Port Royal, South Carolina: One clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Puget Sound Naval Station, Washington: One clerk to naval constructor, one thousand four hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, twenty-five thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, two million one hundred and twenty thousand dollars: *Provided*, That no part of the said sum shall be applied to the engines, boilers, and machinery of wooden ships where the estimated cost of such repairs shall exceed ten per centum of the estimated cost of new engines and machinery of the same character and power, nor shall new boilers be constructed for wooden ships.

For purchase, handling, and preservation of all material and stores, purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, one million one hundred and ten thousand dollars.

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars.

In all, steam machinery, three million two hundred and forty-five thousand dollars.

CONTINGENT, BUREAU OF STEAM ENGINEERING: For contingencies, drawing materials, and instruments for the drafting room, one thousand dollars.

MACHINERY PLANT: Navy-yard, League Island, Pennsylvania: To equip the entire new system of steam engineering shops, being constructed under appropriation made to the Bureau of Yards and Docks,

for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than two hundred and thirty thousand dollars, one hundred thousand dollars.

MACHINERY PLANT: Navy-yard, Mare Island, California: To equip the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks, for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than one hundred and eighty thousand dollars, one hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, at one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Naval station, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, sixteen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of cadets, at one thousand

two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, fifty-five thousand one hundred and ninety-one dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch and weigher, at two dollars and fifty cents per diem; five watchmen, at two dollars each per diem; foreman of steam heating works of the Academy, at five dollars per diem; labor at power house, for masons, carpenters, and other mechanics and laborers; and for care of buildings, grounds, wharves, and boats, thirty-eight thousand four hundred and twelve dollars and forty-five cents; in all, forty-four thousand seven hundred and ninety-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics and others in department of steam engineering, seven thousand eight hundred and twenty-four dollars and fifty cents.

For special course of study and training of naval cadets, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars. For the purchase or construction of catboats for the special instruction of cadets, one thousand five hundred dollars; in all, four thousand five hundred dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, and temporary quarters and recitation rooms for cadets, fifty-one thousand dollars, to be immediately available.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; for heating and lighting the Academy and bandsmen's quarters, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the *same, two thousand* dollars; purchase of gas and steam machinery, *steam pipes and fittings*, rent of buildings for the use of the Academy,

freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; in all, forty-three thousand eight hundred dollars.

Whenever, in view of the vacancies in the grade of ensign on July thirtieth of any year unfilled by graduates of the Naval Academy, the Secretary of the Navy shall so recommend, the President may appoint to that grade, as of July thirtieth, from among the boatswains, gunners, or warrant machinists, not exceeding six in any one calendar year. No person shall be so appointed who is over thirty-five years of age; who has served less than six years as a warrant officer; who is not recommended by a commanding officer under whom he has served; nor until he shall have passed such competitive examination as may be prescribed by the Navy Department.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, four hundred and sixteen thousand nine hundred dollars.

Pay of officers on the retired list: For three colonels, three lieutenant-colonels, one adjutant and inspector, two quartermasters, four majors, nine captains, three first lieutenants, and three second lieutenants, sixty-three thousand four hundred and twenty dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million one hundred and twelve thousand five hundred and forty-eight dollars.

Pay and allowance of retired enlisted men: For one sergeant-major, two drum-majors, two gunnery-sergeants, six first-class musicians, fourteen first sergeants, twenty six sergeants, five corporals, one drummer, two fifers, and forty-eight privates, and for those who may be retired during the year, thirty-seven thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty thousand dollars.

Mileage: For mileage of officers traveling under orders without troops, sixteen thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars.

In all, for pay of Marine Corps, one million six hundred and eighty-three thousand eight hundred and sixty-eight dollars.

PAY OF CIVIL FORCE: In the office of the brigadier-general commandant: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, twenty-two thousand six hundred and thirty-six dollars and twenty-three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, and for ice for preservation of rations, three hundred and seventy-one thousand and seventy-one dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation therefor, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, two hundred and ninety thousand one hundred and ninety-nine dollars and fifty-four cents.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, thirty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents *and* field ovens, purchase and repair of instruments for band, purchase

of music and musical accessories, purchase and marking of medals for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the school of application, purchase of signal equipment and stores, for the establishment and maintenance of targets and ranges, and renting ranges, and for procuring, preserving, and handling ammunition and other necessary military supplies, forty-six thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, seventy thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings, twenty thousand dollars.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, four thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the quartermasters' department, and the authorized number of officers' horses, six thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspector, the assistant paymaster, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, fourteen thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives, and forks, tin cups, pans, and pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, purchase and

repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, sixty-one thousand seven hundred dollars.

Construction of marine barracks on the land attached to the Naval Academy, Annapolis, Maryland, seventy-five thousand dollars.

Construction of commanding officer's and junior officers quarters on the land attached to the Naval Academy, Annapolis, Maryland, ten thousand dollars.

Construction of fireproof building for offices, headquarters Marine Corps, Washington, District of Columbia, fifty thousand dollars.

Construction of a marine barracks and officers' quarters at the naval station, Algiers, Louisiana, fifteen thousand dollars.

Construction of a boiler house, lavatory, and connecting bridge, installation of steam heat, and addition of a third story over two wings of marine barracks, navy-yard, Brooklyn, New York, twenty-eight thousand dollars.

In all, public works, Marine Corps, one hundred and seventy-eight thousand dollars.

That hereafter the enlistments into the Marine Corps shall be for a period of not less than four years.

INCREASE OF THE NAVY.

That, for the purpose of further increasing the naval establishment of the United States, in accordance with the latest improvements in the construction of ships and the production of armor and armament therefor, the Secretary of the Navy is hereby directed to prepare the plans and specifications of two seagoing battle ships and two armored cruisers, carrying the most suitable armor and armament for vessels of their class, and to submit to Congress a general description of such battle ships and cruisers on the first Monday in December next; and said Secretary, in preparing said plans and description, shall review and further consider the questions whether said ships should be sheathed or unsheathed; what should be the weight and extent of the armor therefor; what should be the form and location of the turrets; whether any changes should be made in the number and kind of guns of the various sizes heretofore constituting the armament of similar ships; what, if any, torpedo tubes should be built into large ships; to what extent electricity should be used for auxiliary purposes, and all other questions which have arisen and are now pending among naval architects and ordnance experts concerning the construction of battle ships and cruisers under modern conditions; and said Secretary shall, to such an extent as he may deem expedient, report to Congress in connection with said description his opinion upon the foregoing ques-

tions; and the Secretary of the Navy is hereby authorized to exercise his discretion as to the sheathing and coppering of naval vessels herein and heretofore authorized to be built.

That the Secretary of the Navy is hereby authorized and directed to remit to the Iowa Iron Works, of Dubuque, Iowa, the time penalties exacted by the Navy Department under the contract with said company for the construction of the torpedo boat Ericsson, the Government having suffered no damage by the delay in the construction, and a sum sufficient for that purpose is hereby appropriated, out of any money in the Treasury not otherwise appropriated, not exceeding, however, the sum of seventeen thousand two hundred and twenty-five dollars.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twenty-one million dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the Act of June tenth, eighteen hundred and ninety-six; those authorized by the Act of March third, eighteen hundred and ninety-seven; for those authorized by the Act of May fourth, eighteen hundred and ninety-eight; for those authorized by the Act of March third, eighteen hundred and ninety-nine and for those authorized by the Act of June seventh, nineteen hundred, four million dollars.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized, four hundred thousand dollars.

That the President of the United States be, and he is hereby, authorized to establish, and from time to time to modify, as the needs of the service may require, a classification of vessels of the Navy, and to formulate appropriate rules governing assignments to command of vessels and squadrons.

Approved, March 3, 1901.

[PUBLIC—No. 234.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and three, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and three, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers, receiving ships and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice boys, including men in the engineers' force, and for the Fish Commission, twenty-five thousand five hundred men and two thousand five hundred apprentices under training at training stations and on board training ships, and for men detailed for duty with naval militia, at the pay prescribed by law, sixteen million one hundred and thirty-eight thousand one hundred and ninety-nine dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts,

and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home or abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred thousand dollars: *Provided*, That hereafter in cases where orders are given to officers of the Navy or Marine Corps for travel to be performed repeatedly between two or more places in such vicinity as in the discretion of the Secretary of the Navy is appropriate, he may direct that actual and necessary expenses only be allowed.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, ten thousand dollars. And that the unexpended balance of the appropriation of ten thousand dollars made in the Act approved June seventh, nineteen hundred, to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action, ashore or afloat, outside of the continental limits of the United States, be, and the same is hereby, made available until used.

EMERGENCY FUND, NAVY DEPARTMENT.

To meet unforeseen contingencies for the maintenance of the Navy constantly arising, to be expended at the discretion of the President, one hundred thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers involved, payments made under the appropriation "Emergency fund" to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and two, and until such time as Congress shall make specific appropriation for the pay of such employees.

The Secretary of the Navy, in his discretion, is authorized to pay all civilian employees appointed for duty in the Philippine, Hawaiian, and Samoan islands, the island of Guam, and the island of Porto Rico, from the date of their sailing from the United States until they report for duty to the officer under whom they are to serve, and while returning to the United States by the most direct route and with due expedition, a per diem compensation corresponding to their pay while actually employed; and in cases where the appointee is not to fill an existing vacancy his pay while traveling may be charged to the annual appropriation of the bureau concerned.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys at home and abroad; transportation and

subsistence en route to their homes, if residents of the United States, of enlisted men and apprentices discharged on medical survey; transportation and subsistence en route to the places of enlistment, if residents of the United States, of enlisted men and apprentices discharged on account of expiration of enlistment; for heating apparatus for receiving and training ships, and extra expenses thereof; for freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, discharges, good-conduct badges and medals for men and boys, schoolbooks for training apprentices and landsmen, maintenance of gunnery class, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, two hundred and seventy-five thousand dollars.

GUNNERY EXERCISES: Prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, twelve thousand dollars.

Outfits for naval apprentices: Outfits for two thousand five hundred naval apprentices and one hundred hospital apprentices, at forty-five dollars each, one hundred and seventeen thousand dollars.

Outfits for landsmen: Outfits for five thousand landsmen under training for seamen, at forty-five dollars each, two hundred and twenty-five thousand dollars.

Outfits on first enlistment: Outfits for all enlisted men of the Navy on first enlistment, other than naval apprentices, hospital apprentices, and landsmen under training for seamen, three thousand men, at forty-five dollars each, one hundred and thirty-five thousand dollars.

MAINTENANCE OF COLLIERS: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, three hundred and fifty thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, thirty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval apprentice training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and

tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; books, tools, and necessary appliances for petty officers' school; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, fifty-five thousand dollars.

NAVAL TRAINING STATION, GREAT LAKES: The Secretary of the Navy is hereby directed to appoint a board, composed of naval officers, whose duty it shall be to select on the Great Lakes a suitable site for an additional naval training station, and, having selected such site, if upon private lands, to estimate its value and ascertain, as nearly as practicable, the cost for which it can be purchased or acquired, and of their proceedings and actions to make full and detailed report to the Secretary, who shall transmit such report with his recommendations thereon to Congress for its action. And to defray the expenses of said board the sum of five thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, eight thousand dollars; one draftsman, at one thousand two hundred dollars per year; general repairs to woodwork, and so forth, minor alterations in quarters, and necessary renewals of furniture, two thousand six hundred dollars; installing lightning protection for college building, four hundred and forty-six dollars and twenty-five cents; services of a lecturer on international law, to be immediately available, one thousand dollars; services of civilian lecturers rendered at the War College, to be immediately available, six hundred dollars; purchase of books of reference, four hundred dollars; in all, fourteen thousand two hundred and forty-six dollars and twenty-five cents.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, thirteen thousand seven hundred and seventy dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of

grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; in all, for Naval Home, seventy-six thousand four hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory; and for target practice, eight hundred thousand dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

New and improved battery for the Newark, one hundred and seventy-five thousand dollars.

New and improved batteries for the New Orleans and Albany, two hundred thousand dollars.

Equipment of new storehouse already authorized on the ordnance dock at the New York Navy-Yard, including crane supports and runways, traveling crane, freight elevators, gun skids and appliances for handling guns, eleven thousand dollars.

Erection of a steel-casting plant at the naval gun factory, Washington, District of Columbia, ten thousand dollars.

Equipments for the chemical and physical laboratory at the naval gun factory, Washington, District of Columbia, five thousand dollars.

Purchase and installation of machine tools for ordnance purposes at the navy-yard, Pensacola, Florida, twelve thousand dollars.

Purchase and installation of machine tools and motive power in ordnance workshops already authorized at navy-yard, Puget Sound, Bremerton, Washington, fifty thousand dollars.

Purchase of new and improved machinery for existing shops of the naval gun factory at the Washington Navy-Yard, fifty thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, two hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

RESERVE GUNS FOR SHIPS OF THE NAVY: The purchase and manufacture of reserve guns for ships of the Navy, two hundred and fifty thousand dollars.

That the unexpended balance remaining in the Treasury on June thirtieth, nineteen hundred and two, from the appropriation "Ordnance and ordnance stores," nineteen hundred, or so much thereof as

may be necessary, is hereby reappropriated and made available during the fiscal year ending June thirtieth, nineteen hundred and three, for expenditure in fulfillment of contracts heretofore made and properly chargeable to said appropriation.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage and express charges, repairs to fire engines; gas and water pipes, gas and water tax at magazines, tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; two foremen of gun factory, at two thousand two hundred dollars each; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, twenty-three thousand five hundred and six dollars and seventy-five cents.

Smokeless-powder factory: For one chemist, at two thousand five hundred dollars; one assistant chemist, at one thousand six hundred dollars; in all, four thousand one hundred dollars;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one writer, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one writer, at one thousand two hundred dollars;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-one thousand and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

COAL AND TRANSPORTATION: For purchase of coal for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, two million five hundred thousand dollars.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations, and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, two million dollars.

OCEAN AND LAKE SURVEYS: For hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same, one hundred thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised

Statutes, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal and other fuel, for the supply of steamships of war, including the purchase of necessary land, six hundred and forty thousand dollars: *Provided*, That the accounting officers of the Treasury Department are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers of the Government, all expenditures heretofore made for land purchased for use as naval coal depots.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, thirty-five thousand dollars.

CIVIL ESTABLISHMENT.

BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; two writers, at nine hundred and fifty dollars each; in all, six thousand four hundred and seventy-five dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, one thousand six hundred dollars;

Cavite, Philippine Islands: For one electrician, at five dollars and four cents per diem; one clerk, at one thousand dollars; in all, two thousand five hundred and seventy-seven dollars and fifty-two cents;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars;

In all, civil establishment, Bureau of Equipment, thirty-one thousand four hundred and two dollars and fifty-two cents.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel, candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; water-tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, six hundred thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, forty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand two hundred dollars; in all, eight thousand three hundred and thirty-seven dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; in all, nine thousand eight hundred and sixteen dollars and twenty-five cents.

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at nine hundred dollars each; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred

dollars; in all, twenty-one thousand six hundred and sixty-six dollars and thirteen cents.

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum.

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; in all, nine thousand nine hundred and seventy-three dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand six hundred and ninety-five dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand four hundred and fifty-eight dollars and sixty-three cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty dollars.

Naval station, Port Royal, South Carolina: For one clerk, one thousand two hundred dollars; one rodman and inspector, three dollars per diem; one messenger and janitor, one dollar and fifty cents per diem; one master of tugs, one thousand two hundred dollars; one mail messenger, including Sundays, two dollars per diem; one telegraph operator, including Sundays, two dollars per diem; one electrician, one thousand two hundred dollars; in all, six thousand five hundred and forty-six dollars and fifty cents.

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars.

Navy-yard, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; in all, two thousand six hundred and eighty-six dollars and fifty cents.

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem,

including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one quarterman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; in all, fourteen thousand two hundred and ninety-one dollars and sixty-seven cents.

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, nine hundred dollars; in all, seven thousand six hundred and seven dollars and forty cents.

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; in all, two thousand five hundred and eighty dollars.

Naval station, Hawaii: One writer, at three dollars and twenty-five cents per diem; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-seven dollars and twenty-five cents.

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; in all, two thousand four hundred and sixty dollars.

In all, civil establishment, Bureau of Yards and Docks, one hundred and eight thousand seven hundred and sixty dollars and fifty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

That the appointment of six additional civil engineers is hereby authorized, three to be appointed during the present calendar year, and the other three in the calendar year of nineteen hundred and three.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, to extend, seventy-five thousand dollars; grading, to continue, fifty thousand dollars; railroad and rolling stock, additions, ten thousand dollars; sewer systems, extensions, four thousand dollars; water systems, extensions, four thousand dollars; latrines, six thousand dollars; storehouse for general supplies, to complete, seventy-five thousand dollars; tools for yards and docks, four thousand dollars; locomotive crane and track, thirty-five thousand dollars; electric plant, extensions, twenty-five thousand dollars; telephone system, extensions, one thousand five hundred dollars; central heating plant, twenty-two thousand dollars; piers and slips, fifty thousand dollars, landing floats, one thousand eight hundred dollars; underground conduit system, to continue, twenty thousand dollars; office, drafting, and testing rooms for yards and docks, four thousand dollars; machine shop for equipment, extension of, thirteen thousand seven hundred and seventy-five dollars; chain shed and rigging loft for equipment, fifty thousand dollars; machine shop for steam engineering,

extension of, fifty thousand dollars; power house and stack for steam engineering, thirty-five thousand dollars; steel-plant building for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), fifty thousand dollars; new floor in building numbered seven, thirty thousand dollars; elevator and fittings, machine shop for equipment, six thousand dollars; fire-protection system, to complete, fifty thousand dollars; to enable the Secretary of the Navy to make an examination concerning the fresh-water supply at the Portsmouth Navy-Yard, five hundred dollars, or so much thereof as may be needed, said examination to include a survey of the ponds which constitute the sources of the aqueduct, an ascertainment of the quality of the water, an inquiry as to its sufficiency for all future needs, and an estimate of the value of the aqueduct, dams, and ponds; and said Secretary shall consider the desirability of controlling, by purchase or otherwise, solely for the use of the Government, the whole water supply, and he shall make such recommendations on the subject as he may deem expedient to Congress at its next session; for the removal of Hendersons Point, near the navy-yard, Portsmouth, New Hampshire, in accordance with the project recommended in House Document Numbered Two hundred and forty-three, Fifty-seventh Congress, first session, two hundred thousand dollars, to be expended under the direction of the Secretary of the Navy: *Provided*, That a contract or contracts may be entered into by the Secretary of the Navy for such materials and work as may be necessary to prosecute said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate five hundred and forty-nine thousand dollars, exclusive of the amounts herein and heretofore appropriated; in all, eight hundred and seventy-two thousand five hundred and seventy-five dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Ship-fitters' shop, to complete, fifty thousand dollars; metal workers' shop, to complete, fifty thousand dollars; piers and wharves, extensions, seventy-five thousand dollars; smithery for construction and repair, to complete, fifty thousand dollars; sawmill and spar shed, to complete, one hundred and twenty-five thousand dollars; water-closets for building numbered forty-two, additional, two thousand five hundred dollars; water system, extensions, ten thousand dollars; sewer system, extensions, ten thousand dollars; electric-light plant, extensions, ten thousand dollars; extension of naval prison, sixty thousand dollars; electric crane, steam engineering brass foundry, ten thousand dollars; culvert between dry docks, forty-one thousand two hundred dollars; forty-ton locomotive crane, forty thousand dollars; track for traveling crane, fifty-five thousand dollars; water-closets, additional, two thousand five hundred dollars; underground conduit system, forty-two thousand five hundred dollars; crane for yards and docks power house, seven thousand dollars; dispensary, twelve thousand dollars; fireproof floor in anchor and chain shed, twenty thousand dollars; forge shop, interior fittings for, five thousand dollars; erecting one-hundred-ton shears, five thousand dollars; paving, to continue, twenty thousand dollars; in all, navy-yard, Boston, seven hundred and two thousand seven hundred dollars.

Naval Station, New London, Connecticut: Sea wall, sixteen thousand dollars; coaling plant, extensions, twenty-five thousand dollars; in all, forty-one thousand dollars.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, twenty thousand dollars; dredging, to continue, twenty-five thousand dollars; coal-storage and coal-handling plant, extensions, one hundred thousand dollars; railroad system, extensions, fifteen thousand dollars; extending building numbered forty-one, sixty thousand dollars; locomotive and car shed, twenty-five thousand dollars; improvements to building numbered one hundred and twenty, twenty-two thousand dollars; fittings for building numbered thirty-three, six thousand dollars; fittings and electric tower, building numbered twenty-two, twenty-seven thousand dollars; extending locomotive-crane track, twenty thousand dollars; electric plant, extensions, forty thousand dollars; electric-light system, extensions on cob dock, twenty-eight thousand dollars; rebuilding crane track, dry dock numbered three, seventeen thousand dollars; extending building numbered one hundred and sixteen, ten thousand dollars; coal pocket and machinery for construction and repair, six thousand dollars; electric wiring, building numbered twenty-eight, six thousand dollars; storehouse for naval supply fund stores, to complete, fifty thousand dollars; new roof for steam-engineering foundry, twenty-two thousand dollars; to complete building numbered nineteen, sixty thousand dollars; extension to dispensary building, one thousand five hundred dollars; in all, navy-yard, New York, New York, five hundred and sixty thousand five hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; grading and paving, to continue, twenty-five thousand dollars; sewer system, extensions, five thousand dollars; electric plant, extensions, forty thousand dollars; railroad system, extensions, fifteen thousand dollars; officers' quarters, additional, eight thousand dollars; power house for construction and repair, fifty thousand dollars; angle smithery for construction and repair, to complete, fifteen thousand dollars; plate-bending shop for construction and repair, to complete, twenty-five thousand dollars; piers, extensions, sixty thousand dollars; locomotive-crane track, extensions, thirty thousand dollars; machinery foundations, steam engineering buildings, thirty-eight thousand eight hundred dollars; power house for steam engineering, forty-six thousand dollars; dredging, to continue, twenty-five thousand dollars; water-closets, additional, two thousand five hundred dollars; water system, extension, twelve thousand dollars; towards storehouse for naval supplies, seventy-five thousand dollars; in all, navy-yard, League Island, five hundred and twenty-two thousand three hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Gunners' storehouse, eighty-eight thousand dollars; coppersmith shop, thirty-two thousand dollars; bronzing and plating house, twenty thousand dollars; purchase of land, one hundred thousand dollars; in all, navy-yard, Washington, two hundred and forty thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Paving and grading, to continue, fifteen thousand dollars; sewers, extensions, five thousand dollars; quay wall for fitting-out basin, to continue, one hundred and fifty thousand dollars; locomotive-crane track, to renew, fifteen thousand dollars; railroad tracks, extensions, six thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; railroad rolling stock, three thousand dollars; telephone system, exten-

sions, one thousand five hundred dollars; locomotive crane, five thousand dollars; fittings for ordnance storehouse, thirty-five thousand dollars; fire-protection system, fifteen thousand dollars; fittings for yard dispensary, five hundred dollars; heating system, additions, five thousand dollars; electric plant, extensions, ten thousand dollars; remodeling machine shop for steam engineering, to complete, twenty-five thousand dollars; electric capstans for dry docks, five thousand dollars; electric drainage pump for dry docks, ten thousand dollars; steel storage building, thirty thousand dollars; construction of a bridge for naval hospital, five thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred and forty-four thousand dollars.

CONDEMNATION OF LAND ADJACENT TO THE NORFOLK NAVY-YARD.—The Secretary of the Navy be, and he is hereby, authorized, in his discretion, to cause to be commenced, within three months after the passage of this Act, proceedings for the condemnation of the following tract of land, or so much thereof as he may deem necessary, for the use of the United States for the Norfolk Navy-Yard, and for other naval purposes, namely, a tract of land known as the Schmolles property, containing some two hundred and seventy-two and four-tenths acres, more or less, in Norfolk County, Virginia, and adjacent to the Norfolk Navy-Yard, under the Act of Congress approved August first, eighteen hundred and eighty-eight, entitled "An Act to authorize the condemnation of lands for sites of public buildings, and for other purposes," and other laws of the United States, so as to completely vest in the United States the title of said land. And all such proceedings shall be reported to Congress at its next session by the Secretary of the Navy.

NAVAL STATION, KEY WEST, FLORIDA: Quay wall, to continue, fifty thousand dollars; coaling pier, to complete, twenty-three thousand dollars; concrete cisterns, twenty thousand dollars; to complete purchase of land heretofore condemned and partially appropriated for, twenty-five thousand nine hundred and fifty dollars; in all, naval station, Key West, one hundred and eighteen thousand nine hundred and fifty dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: To continue quay wall, fifty-thousand dollars; paving and grading, to continue, twenty-five thousand dollars; sewers and closets, additional, eight thousand dollars; railroad system, extensions, five thousand dollars; heating system, extension, six thousand dollars; machine shop numbered two, construction and repair, to complete, fifty thousand dollars; auxiliary machine shop, steam engineering, five thousand dollars; naval prison, extension, ten thousand dollars; dry dock water-closets and bath house, five thousand dollars; coal-handling machinery, thirty-two thousand dollars; improvements to building numbered forty-five, two thousand dollars; electric plant, extension, fifteen thousand dollars; telephone system, extension, one thousand dollars; boiler and pump for new caisson, three thousand five hundred dollars; improvements to building for storing and handling guns, six thousand dollars; to complete sawmill, boiler house, and steel chimney, two thousand dollars; in all, navy-yard, Mare Island, two hundred and twenty-five thousand five hundred dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewers, extensions, five thousand dollars; to continue grading, thirty thousand dollars; coal shed and appliances, including pier extensions, one hundred and fifty

thousand dollars; fire protection system, extensions, three thousand five hundred dollars; electric-light plant, extensions, twenty thousand dollars; telephone system, extensions, two thousand dollars; railroad and equipment, extensions, twenty thousand dollars; purchase of land, four thousand dollars, or so much thereof as may be necessary; smithery for construction and repair, extension, forty thousand dollars; plate metal shop for construction and repair, fifty thousand dollars; addition to storehouse for supplies and accounts, fifty thousand dollars; boat shop for construction and repair (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water-closets, two thousand five hundred dollars; power house for construction and repair, seventy thousand dollars; storehouse for steel, thirty-six thousand dollars; piers, seventy-five thousand dollars; roads and walks, fifteen thousand dollars; water system, extensions, five thousand dollars; locomotive crane, eight thousand five hundred dollars; foundry and coppersmith's shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; boiler and blacksmith shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; heating-system extensions, four thousand dollars; boiler stack and fittings for equipment shop, ten thousand dollars; quay wall, sixty thousand dollars; in all, navy-yard, Puget Sound, Washington, eight hundred and ten thousand five hundred dollars.

NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, extensions, fifty thousand dollars; in all, San Juan, Porto Rico, fifty thousand dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Track scales, two thousand five hundred dollars; in all, navy-yard, Pensacola, two thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Shops and offices for yards and docks, eighty thousand dollars; power house and plant, seventy-five thousand dollars; office building, thirty-five thousand dollars; quarters for commandant, ten thousand dollars; two officers' quarters, fourteen thousand dollars; storehouse, one hundred thousand dollars; sewer system, fifteen thousand dollars; water system, ten thousand dollars; in all, naval station, New Orleans, Louisiana, three hundred and thirty-nine thousand dollars.

FOUR DRY DOCKS: To complete dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Massachusetts; League Island, Pennsylvania, and Mare Island, California, one million and fifty thousand dollars.

NAVAL STATION, TUTUILA: One officers' quarters, five thousand dollars; office building, ten thousand dollars; roads and walks, five thousand dollars; grading and filling, thirty thousand dollars; telephone system two thousand dollars; light-house, Aunuu Island, one thousand dollars; waterworks and accessories, five thousand dollars; purchase of additional land at Samoa, thirty-five thousand dollars; in all, naval station, Tutuila, ninety-three thousand dollars.

PORT ROYAL NAVAL STATION, SOUTH CAROLINA: The Secretary of the Navy is directed to investigate and report to the next session of Congress the state and condition of the Government property at Port Royal, South Carolina; its value and the practicability of its removal to another navy-yard; also to what uses, if any, said buildings and

sions, one thousand five hundred dollars; locomotive crane, five thousand dollars; fittings for ordnance storehouse, thirty-five thousand dollars; fire-protection system, fifteen thousand dollars; fittings for yard dispensary, five hundred dollars; heating system, additions, five thousand dollars; electric plant, extensions, ten thousand dollars; remodeling machine shop for steam engineering, to complete, twenty-five thousand dollars; electric capstans for dry docks, five thousand dollars; electric drainage pump for dry docks, ten thousand dollars; steel storage building, thirty thousand dollars; construction of a bridge for naval hospital, five thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred and forty-four thousand dollars.

CONDEMNATION OF LAND ADJACENT TO THE NORFOLK NAVY-YARD.—The Secretary of the Navy be, and he is hereby, authorized, in his discretion, to cause to be commenced, within three months after the passage of this Act, proceedings for the condemnation of the following tract of land, or so much thereof as he may deem necessary, for the use of the United States for the Norfolk Navy-Yard, and for other naval purposes, namely, a tract of land known as the Schmolles property, containing some two hundred and seventy-two and four-tenths acres, more or less, in Norfolk County, Virginia, and adjacent to the Norfolk Navy-Yard, under the Act of Congress approved August first, eighteen hundred and eighty-eight, entitled "An Act to authorize the condemnation of lands for sites of public buildings, and for other purposes," and other laws of the United States, so as to completely vest in the United States the title of said land. And all such proceedings shall be reported to Congress at its next session by the Secretary of the Navy.

NAVAL STATION, KEY WEST, FLORIDA: Quay wall, to continue, fifty thousand dollars; coaling pier, to complete, twenty-three thousand dollars; concrete cisterns, twenty thousand dollars; to complete purchase of land heretofore condemned and partially appropriated for, twenty-five thousand nine hundred and fifty dollars; in all, naval station, Key West, one hundred and eighteen thousand nine hundred and fifty dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: To continue quay wall, fifty-thousand dollars; paving and grading, to continue, twenty-five thousand dollars; sewers and closets, additional, eight thousand dollars; railroad system, extensions, five thousand dollars; heating system, extension, six thousand dollars; machine shop numbered two, construction and repair, to complete, fifty thousand dollars; auxiliary machine shop, steam engineering, five thousand dollars; naval prison, extension, ten thousand dollars; dry dock water-closets and bath house, five thousand dollars; coal-handling machinery, thirty-two thousand dollars; improvements to building numbered forty-five, two thousand dollars; electric plant, extension, fifteen thousand dollars; telephone system, extension, one thousand dollars; boiler and pump for new caisson, three thousand five hundred dollars; improvements to building for storing and handling guns, six thousand dollars; to complete sawmill, boiler house, and steel chimney, two thousand dollars; in all, navy-yard, Mare Island, two hundred and twenty-five thousand five hundred dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewers, extensions, five thousand dollars; to continue grading, thirty thousand dollars; coal *shed and appliances*, including pier extensions, one hundred and fifty

thousand dollars; fire protection system, extensions, three thousand five hundred dollars; electric-light plant, extensions, twenty thousand dollars; telephone system, extensions, two thousand dollars; railroad and equipment, extensions, twenty thousand dollars; purchase of land, four thousand dollars, or so much thereof as may be necessary; smithery for construction and repair, extension, forty thousand dollars; plate metal shop for construction and repair, fifty thousand dollars; addition to storehouse for supplies and accounts, fifty thousand dollars; boat shop for construction and repair (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water-closets, two thousand five hundred dollars; power house for construction and repair, seventy thousand dollars; storehouse for steel, thirty-six thousand dollars; piers, seventy-five thousand dollars; roads and walks, fifteen thousand dollars; water system, extensions, five thousand dollars; locomotive crane, eight thousand five hundred dollars; foundry and coppersmith's shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; boiler and blacksmith shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; heating-system extensions, four thousand dollars; boiler stack and fittings for equipment shop, ten thousand dollars; quay wall, sixty thousand dollars; in all, navy-yard, Puget Sound, Washington, eight hundred and ten thousand five hundred dollars.

NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, extensions, fifty thousand dollars; in all, San Juan, Porto Rico, fifty thousand dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Track scales, two thousand five hundred dollars; in all, navy-yard, Pensacola, two thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Shops and offices for yards and docks, eighty thousand dollars; power house and plant, seventy-five thousand dollars; office building, thirty-five thousand dollars; quarters for commandant, ten thousand dollars; two officers' quarters, fourteen thousand dollars; storehouse, one hundred thousand dollars; sewer system, fifteen thousand dollars; water system, ten thousand dollars; in all, naval station, New Orleans, Louisiana, three hundred and thirty-nine thousand dollars.

FOUR DRY DOCKS: To complete dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Massachusetts; League Island, Pennsylvania, and Mare Island, California, one million and fifty thousand dollars.

NAVAL STATION, TUTUILA: One officers' quarters, five thousand dollars; office building, ten thousand dollars; roads and walks, five thousand dollars; grading and filling, thirty thousand dollars; telephone system, two thousand dollars; light-house, Aunuu Island, one thousand dollars; waterworks and accessories, five thousand dollars; purchase of additional land at Samoa, thirty-five thousand dollars; in all, naval station, Tutuila, ninety-three thousand dollars.

PORT ROYAL NAVAL STATION, SOUTH CAROLINA: The Secretary of the Navy is directed to investigate and report to the next session of Congress the state and condition of the Government property at Port Royal, South Carolina; its value and the practicability of its removal to another navy-yard; also to what uses, if any, said buildings and

property can be devoted; what changes would be necessary for such purpose, and an estimate of cost therefor; also upon the advisability of selling and finally disposing of said property, and what price could probably be realized from such sale.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock (toward completion), two hundred and fifty thousand dollars: *Provided*, That the amount authorized in the Act of June seventh, nineteen hundred, to be expended for the purchase of a site for a naval station at or in the vicinity of Charleston, South Carolina, from the appropriation for a new naval station and a dock be increased from one hundred thousand dollars to one hundred and six thousand dollars, and six thousand dollars are hereby appropriated; office building for the commandant, thirty-five thousand dollars; quarters for the commandant, twelve thousand dollars; quarters for civil engineer, seven thousand five hundred dollars; landing and wharves, fifty thousand dollars; grading and drainage, ten thousand dollars; workshop (to cost eighty thousand dollars), fifty thousand dollars; storehouse and storekeepers' office, fifty thousand dollars; equipment building (to cost one hundred and twenty-five thousand dollars), sixty-two thousand five hundred dollars; machine shop for steam engineering (to cost one hundred and seventy-four thousand dollars), eighty thousand dollars; foundry and copper shop for steam engineering (to cost one hundred and eighteen thousand dollars), sixty thousand dollars; power house (to cost fifty thousand dollars), twenty-five thousand dollars; workshop for ordnance, forty thousand three hundred dollars; ship fitters' shop with mold loft and furnace shed for construction and repair (to cost two hundred thousand dollars), fifty thousand dollars; power house and fuel storage for construction and repair (to cost eighty thousand dollars), thirty-five thousand dollars; machine shop for construc tion and repair (to cost one hundred and twenty thousand dollars), forty thousand dollars; joiner shop for construction and repair (to cost one hundred and twenty thousand dollars), thirty thousand dollars; foundry for construction and repair (to cost seventy-five thousand dollars), twenty thousand dollars; in all, navy-yard, Charleston, nine hundred and thirteen thousand three hundred dollars.

In all cases where buildings and structures are provided for in this Act and where appropriations in full are not made for the same, authority is hereby given to the Secretary of the Navy, in his discretion, to enter into contracts for the entire construction of such buildings and structures, with the limit of cost as fixed in this Act.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Tools and appliances for yards and docks, five thousand dollars; fire-protection system and apparatus, twelve thousand dollars; railroad system, improvements and extension, nine thousand dollars; fitting up coal sheds, seven thousand five hundred dollars; toward the purchase or construction of a floating steel dry dock (of American manufacture) (to cost not to exceed one million two hundred and twenty-five thousand dollars), two hundred thousand dollars; in all, two hundred and thirty-three thousand five hundred dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the prepa-

tion of plans and specifications for public works, including such expert aids, draftsmen, writers, and copyists as the Secretary of the Navy may deem necessary, thirty thousand dollars.

In all, public works, seven million six hundred and forty-nine thousand three hundred and twenty-five dollars.

PUBLIC WORKS—BUREAU OF NAVIGATION.

NAVAL ACADEMY: Buildings and grounds, Naval Academy: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the Act of Congress approved June seventh, nineteen hundred, and in accordance with the plans approved by the Secretary of the Navy, October third, nineteen hundred, and toward the construction of a hospital (to cost not more than one hundred thousand dollars), to be built upon plans approved by the Secretary of the Navy, three hundred thousand dollars; for dredging up to and in front of the Naval Academy, two hundred thousand dollars; in all, five hundred thousand dollars, the amount hereby appropriated to constitute a part of the eight million dollars' limit fixed for the total cost of said buildings and improvements: *Provided*, That the Secretary of the Navy may, in his discretion, continue the said improvements at the Naval Academy, either by contract or day labor, or both, as he may deem necessary or for the best interests of the Government.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Two officers' quarters, twelve thousand dollars; sinking artesian wells and water supply, seven thousand five hundred dollars; roads and grounds, three thousand five hundred dollars; purchase of tools and fitting up machine shop, two thousand five hundred dollars; installation of cold-storage room, originally planned, three thousand five hundred dollars; building boathouse and carpenter shop on wharf, two thousand five hundred dollars; in all, thirty-one thousand five hundred dollars.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Completing breakwater and extending sea wall, twenty-seven thousand five hundred dollars; completing roads and sidewalks, and paving approaches to new barracks, seven thousand seven hundred and fifty dollars; assembly, lecture, and reading room, twelve thousand five hundred dollars; three double sets officers' quarters, thirty-six thousand dollars; carpenter shop and boathouse for repairs, storage, and preservation of steam launches and boats, eleven thousand seven hundred and eighty dollars; retaining wall on causeway leading from mainland to station, with guardhouses, iron-picket fence, gates, gatehouse, and appurtenances and for filling and macadamizing road, and repairs to bridge, fifteen thousand five hundred dollars; for constructing fifteen-foot mole at storehouse for discharging and loading boats and lighters, three thousand two hundred and fifty dollars; in all, naval training station, Rhode Island, one hundred and fourteen thousand two hundred and eighty dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: BUILDINGS: Building and furnishing a fireproof annex to the college, with a covered connecting bridge, sixty thousand dollars.

In all, "Public works, Bureau of Navigation," seven hundred and [illegible]e thousand seven hundred and eighty dollars.

property can be devoted; what changes would be necessary for such purpose, and an estimate of cost therefor; also upon the advisability of selling and finally disposing of said property, and what price could probably be realized from such sale.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock (toward completion), two hundred and fifty thousand dollars: *Provided*, That the amount authorized in the Act of June seventh, nineteen hundred, to be expended for the purchase of a site for a naval station at or in the vicinity of Charleston, South Carolina, from the appropriation for a new naval station and a dock be increased from one hundred thousand dollars to one hundred and six thousand dollars, and six thousand dollars are hereby appropriated; office building for the commandant, thirty-five thousand dollars; quarters for the commandant, twelve thousand dollars; quarters for civil engineer, seven thousand five hundred dollars; landing and wharves, fifty thousand dollars; grading and drainage, ten thousand dollars; workshop (to cost eighty thousand dollars), fifty thousand dollars; storehouse and storekeepers' office, fifty thousand dollars; equipment building (to cost one hundred and twenty-five thousand dollars), sixty-two thousand five hundred dollars; machine shop for steam engineering (to cost one hundred and seventy-four thousand dollars), eighty thousand dollars; foundry and copper shop for steam engineering (to cost one hundred and eighteen thousand dollars), sixty thousand dollars; power house (to cost fifty thousand dollars), twenty-five thousand dollars; workshop for ordnance, forty thousand three hundred dollars; ship fitters' shop with mold loft and furnace shed for construction and repair (to cost two hundred thousand dollars), fifty thousand dollars; power house and fuel storage for construction and repair (to cost eighty thousand dollars), thirty-five thousand dollars; machine shop for construction and repair (to cost one hundred and twenty thousand dollars), forty thousand dollars; joiner shop for construction and repair (to cost one hundred and twenty thousand dollars), thirty thousand dollars; foundry for construction and repair (to cost seventy-five thousand dollars), twenty thousand dollars; in all, navy-yard, Charleston, nine hundred and thirteen thousand three hundred dollars.

In all cases where buildings and structures are provided for in this Act and where appropriations in full are not made for the same, authority is hereby given to the Secretary of the Navy, in his discretion, to enter into contracts for the entire construction of such buildings and structures, with the limit of cost as fixed in this Act.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Tools and appliances for yards and docks, five thousand dollars; fire-protection system and apparatus, twelve thousand dollars; railroad system, improvements and extension, nine thousand dollars; fitting up coal sheds, seven thousand five hundred dollars; toward the purchase or construction of a floating steel dry dock (of American manufacture) (to cost not to exceed one million two hundred and twenty-five thousand dollars), two hundred thousand dollars; in all, two hundred and thirty-three thousand five hundred dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the prepara-

tion of plans and specifications for public works, including such expert aids, draftsmen, writers, and copyists as the Secretary of the Navy may deem necessary, thirty thousand dollars.

In all, public works, seven million six hundred and forty-nine thousand three hundred and twenty-five dollars.

PUBLIC WORKS—BUREAU OF NAVIGATION.

NAVAL ACADEMY: Buildings and grounds, Naval Academy: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the Act of Congress approved June seventh, nineteen hundred, and in accordance with the plans approved by the Secretary of the Navy, October third, nineteen hundred, and toward the construction of a hospital (to cost not more than one hundred thousand dollars), to be built upon plans approved by the Secretary of the Navy, three hundred thousand dollars; for dredging up to and in front of the Naval Academy, two hundred thousand dollars; in all, five hundred thousand dollars, the amount hereby appropriated to constitute a part of the eight million dollars' limit fixed for the total cost of said buildings and improvements: *Provided*, That the Secretary of the Navy may, in his discretion, continue the said improvements at the Naval Academy, either by contract or day labor, or both, as he may deem necessary or for the best interests of the Government.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Two officers' quarters, twelve thousand dollars; sinking artesian wells and water supply, seven thousand five hundred dollars; roads and grounds, three thousand five hundred dollars; purchase of tools and fitting up machine shop, two thousand five hundred dollars; installation of cold-storage room, originally planned, three thousand five hundred dollars; building boathouse and carpenter shop on wharf, two thousand five hundred dollars; in all, thirty-one thousand five hundred dollars.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Completing breakwater and extending sea wall, twenty-seven thousand five hundred dollars; completing roads and sidewalks, and paving approaches to new barracks, seven thousand seven hundred and fifty dollars; assembly, lecture, and reading room, twelve thousand five hundred dollars; three double sets officers' quarters, thirty-six thousand dollars; carpenter shop and boathouse for repairs, storage, and preservation of steam launches and boats, eleven thousand seven hundred and eighty dollars; retaining wall on causeway leading from mainland to station, with guardhouses, iron-picket fence, gates, gatehouse, and appurtenances and for filling and macadamizing road, and repairs to bridge, fifteen thousand five hundred dollars; for constructing fifteen-foot mole at storehouse for discharging and loading boats and lighters, three thousand two hundred and fifty dollars; in all, naval training station, Rhode Island, one hundred and fourteen thousand two hundred and eighty dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: BUILDINGS: Building and furnishing a fireproof annex to the college, with a covered connecting bridge, sixty thousand dollars.

In all, "Public works, Bureau of Navigation," seven hundred and five thousand seven hundred and eighty dollars.

PUBLIC WORKS—BUREAU OF ORDNANCE.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: Roads and walks; grading and filling in; wall on west side of reservation; ice house; extension of railroad tracks; magnetic-clock system for watch service, and general improvements, forty-nine thousand five hundred dollars.

Naval magazine, Dover, Lake Denmark, New Jersey: For the purchase of additional land (about seventy-five acres) to secure control of a water supply, and expenses incident to said purchase; two powder magazines; pump house; two magazines for high explosives; carpenter's shop, and equipments therefor; coal sheds; extension of railroad tracks; rolling stock for local service; grading; road making; walls; fences, and general improvements; quarters for gunner, and quarters for watchmen and principal employees, eighty thousand dollars.

Naval magazine, Fort Mifflin, Pennsylvania: Storehouse for ammunition, five thousand dollars.

Naval magazine, Norfolk, Virginia: Fireproof building, and the equipment thereof, for magazine workshop; one filling house; extension of railroad tracks; extension of fire and water service; for the purchase of additional land and expenses attending such purchase; for quarters for watchmen and principal employees; in all, forty-six thousand five hundred dollars.

Naval torpedo station, Newport, Rhode Island: Renewing sea wall on east side of Goat Island, filling in and grading; erection and equipment of a carpenter's shop and one set of quarters, twenty-eight thousand dollars; in all, naval torpedo station, Newport, Rhode Island, twenty-eight thousand dollars.

Naval proving ground, Indian Head, Maryland: Powder magazine, roads, walks, walls, fences, grading, draining, filling in, and two sets of quarters for officers; in all, naval proving ground, Indian Head, twenty-three thousand dollars.

Quarters, Rose Island, Narragansett Bay: Quarters for watchmen and gunners, five thousand two hundred dollars.

Naval magazine, Fort Lafayette, New York Harbor: Enlargement of shipping house; office building; dredging channel; repairs to sea wall, and general improvements, twenty-five thousand dollars.

Naval magazine, Mare Island, California: For new water mains and fire service at magazines; repairs to magazine wharf; steel shed for storage purposes; carpenters' shop; extension of shell house numbered four; repairs to magazine numbered one, injured by fire; three magazines for smokeless powder; one magazine for black powder, and one magazine for small-arm ammunition, eighty thousand dollars.

Naval magazine, Puget Sound, Washington: For the purchase of land for a site for a naval magazine at or near Bremerton, Washington, and toward the erection thereon of the necessary buildings; for clearing said grounds; for grading and filling in; for building roads and walks; for the necessary wharves and cranes; for railroad tracks and rolling stock for local service; for fire and water service, and for the equipment of the establishment, fifty thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ and pay, out of the appropriation hereby authorized, such additional expert aids, architects, superintendents of construction, or draftsmen as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized to an amount

not to exceed five thousand dollars; in all, naval magazine, Bremerton, Washington, fifty thousand dollars.

In all, public works, Bureau of Ordnance, three hundred and ninety-two thousand two hundred dollars.

NAVAL OBSERVATORY.

NAVAL OBSERVATORY: For grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars.

PUBLICATION OF THE AMERICAN EPHEMERIS AND NAUTICAL ALMANAC: Hereafter there shall be published of the American Ephemeris and Nautical Almanac two thousand five hundred copies, five hundred of which shall be for the use of the Senate, one thousand for the use of the House of Representatives, and one thousand for distribution or sale by the Navy Department.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and department of instruction, museum of hygiene, and Naval Academy, one hundred and twenty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick enlisted persons to hospital, transportation of insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations; washing for medical department at museum of hygiene, naval dispensary, Washington; naval laboratory and department of instruction, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses, thirty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory and department of instruction, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, thirty thousand dollars.

NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: Repairs and improvements in fitting up old buildings and building new; for changing officers' quarters into wards for enlisted men and building quarters for officers outside naval hospital, twenty thousand dollars; for construction of a contagious-disease hospital, ten thousand dollars; in all, thirty thousand dollars.

NAVAL HOSPITAL, CANACAO, PHILIPPINE ISLANDS: Repairs and improvements in fitting up old buildings and building new; building wharf, roads, and preparing grounds, and establishing a naval hospital at Canacao, Philippine Islands, to take the place of the present temporary hospital at Cavite, and for the transfer of public property from the old buildings to the new, fifty thousand dollars.

SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officer; commuted rations for officers on sea duty (other than commissioned officers of the line, medical and pay corps and chief boatswains, chief gunners, chief sailmakers, chief carpenters) and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, three million five hundred thousand dollars.

That section fifteen hundred and eighty of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"SEC. 1580. The Navy ration shall consist of the following daily allowance of provisions to each person: One pound and a quarter salt or smoked meat, with three ounces of dried or six ounces of canned fruit, and three gills of beans or peas, or twelve ounces of flour; or one pound of preserved meat, with three ounces of dried or six ounces of canned fruit, and twelve ounces of rice or eight ounces of canned vegetables or four ounces of desiccated vegetables; together with one pound of biscuit, two ounces of butter, four ounces of sugar, two ounces of coffee or cocoa or one-half ounce of tea and one ounce of condensed milk or evaporated cream; and a weekly allowance of one-half pound of macaroni, four ounces of cheese, four ounces of tomatoes, one-half pint of vinegar, one-half pint of pickles, one-half pint of molasses, four ounces of salt, one-quarter ounce of pepper, and one-half ounce of dry mustard. Five pounds of lard or a suitable substitute shall be allowed for every hundred pounds of flour issued as bread, and such quantities of yeast as may be necessary."

That section fifteen hundred and eighty-one of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"*SEC. 1581.* The following substitution for the components of the

ration may be made when deemed necessary by the senior officer present in command:

"For one and one-quarter pounds of salt or smoked meat or one pound of preserved meat, one and three-quarters pounds of fresh meat; in lieu of the article usually issued with salt, smoked, or preserved meat, fresh vegetables of equal value; for one pound of biscuit, one and one-quarter pounds of soft bread, or eighteen ounces of flour; for three gills of beans or peas, twelve ounces of flour or rice or eight ounces of canned vegetables, and for twelve ounces of flour or rice or eight ounces of canned vegetables, three gills of beans or peas."

That an extra allowance of one ounce of coffee or cocoa, two ounces of sugar, four ounces of hard bread or its equivalent, and four ounces of preserved meat or its equivalent shall be allowed to enlisted men of the engineer and dynamo force when standing night watches between eight o'clock postmeridian and eight o'clock antemeridian under steam.

That section fifteen hundred and eighty-four of the Revised Statutes of the United States, and so much of the Act of May third, eighteen hundred and eighty, "making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, and for other purposes," as authorizes the Secretary of the Navy to substitute desiccated tomatoes for desiccated potatoes, are hereby repealed.

That money accruing from the rations of enlisted men commuted for the benefit of any mess may be paid on public bills to the commissary officer by the pay officer having their accounts.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS. For freight and express charges, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, two hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars

and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply fund section, one thousand four hundred dollars; one cloth inspector, one thousand two hundred and fifty-two dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand one hundred and seventy-three dollars and three cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars.

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at nine hundred and forty-two dollars each. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; *in all, nine thousand* and fifty-five dollars and seventy-five cents.

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two storemen, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars.

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk, one thousand four hundred dollars; two bookkeepers, at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars.

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars.

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and thirty-two dollars and twenty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters and barges for use at home stations; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, eight million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

IMPROVEMENT OF CONSTRUCTION PLANTS: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, thirty thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repair to and improvement of construction plant at navy-yard, Boston, Massachusetts, fifty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of construction plant at navy-yard, New York, New York, fifty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of construction plant at navy-yard, League Island, Pennsylvania, fifty thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of construction plant at navy-yard, Norfolk, Virginia, fifty thousand dollars.

Repairs to and improvement of construction plant at navy-yard, Mare Island, California, fifty thousand dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to and improvement of construction plant at Puget Sound Navy-Yard, Washington, seventy five thousand dollars.

Construction plant, naval station, New Orleans, Louisiana: Con struction plant at naval station, New Orleans, Louisiana, fifteen thousand dollars.

Construction plant, naval station, Cavite, Philippine Islands: Construction plant at naval station, Philippine Islands, fifty thousand dollars.

Steel tugs, general service: Two steel tugs for general service, each seventy thousand dollars, one hundred and forty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents.

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Pensacola, Florida: One writer, at one thousand and seventeen dollars and twenty-five cents.

Naval station, Port Royal, South Carolina: One clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Puget Sound Navy-Yard, Washington: One clerk to naval constructor, one thousand four hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, twenty-five thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

That, in addition to the number of naval constructors and assistant naval constructors now authorized, the appointment of six assistant naval constructors is hereby authorized, two to be appointed during the present calendar year and the remaining four in the calendar year of nineteen hundred and three.

STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, two million one hundred and ninety thousand dollars.

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, one million two hundred thousand dollars.

For incidental expenses for navy vessels, yards, and the bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars.

In all, steam machinery, three million four hundred and five thousand dollars.

Tests of liquid fuel for naval purposes: For extended tests of liquid fuel from the California and Texas oil fields, under the direction of the Bureau of Steam Engineering, Navy Department, twenty thousand dollars.

MACHINERY PLANT: Navy-yard, League Island, Pennsylvania: To complete equipment of the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than two hundred and thirty thousand dollars, one hundred and thirty thousand dollars.

MACHINERY PLANT: Navy-yard, Norfolk, Virginia: For some necessary modern machine tools, twenty-five thousand dollars.

MACHINERY PLANT: Navy-yard, Mare Island, California: To complete equipment of the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work (to cost not more than one hundred and eighty thousand dollars), eighty thousand dollars.

MACHINERY PLANT: Navy-yard, Puget Sound, Washington: To continue the equipment of the steam engineering shops being constructed under appropriation made to Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, one hundred and twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars.

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars; in all, one thousand four hundred dollars.

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor of mathematics, one of chemistry, one of physics, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, two of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; one sword master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred

dollars each; six attendants at recitation rooms, library, store, chapel, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, fifty-five thousand one hundred and ninety-one dollars.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch and weigher, at two dollars and fifty cents per diem; seven watchmen, at two dollars each per diem; foreman of steam heating works of the Academy, at five dollars per diem; labor at power house, for masons, carpenters, and other mechanics and laborers; and for care of buildings, grounds, wharves, and boats, thirty-eight thousand four hundred and twelve dollars and forty-five cents; in all, forty-six thousand two hundred and fifty-nine dollars and ninety-five cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics and others in department of steam engineering, eleven thousand one hundred and fifty-four dollars and eighty-two cents.

For special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

For the purchase or construction of catboats for the special instruction of midshipmen, one thousand five hundred dollars; in all, four thousand five hundred dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture and fixtures, thirty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; for heating and lighting the Academy and bandsmen's quarters, twenty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books, for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board house, and for clerk hire, carriages, and other incidental and necessary expenses of the Board, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, forty-two thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; apparatus for the instruction of midshipmen in the

department of marine engineering and naval construction, five thousand dollars; purchase of sextants for the instruction of midshipmen in the department of navigation, three thousand dollars: *Provided*, That the Superintendent of the Naval Academy is authorized to pay Mr. Walter L. Steward, from the appropriation "Contingent, Naval Academy," the sum of forty dollars to reimburse him for damage done to his crops during a battalion drill of the midshipmen; in all, sixty-one thousand eight hundred dollars.

The title "naval cadet" is hereby changed to "midshipman."

That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this Act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State.

In all, Naval Academy, two hundred and twenty-nine thousand nine hundred and five dollars and seventy-seven cents: *Provided, however*, That no part of the money appropriated in this paragraph or elsewhere in this bill shall be expended in the purchase of any history of the Spanish-American war written by Edgar Stanton Maclay, for use at the Naval Academy, in ships' libraries, or in any other part of the naval establishment of the United States.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, four hundred and sixteen thousand nine hundred dollars.

That from and after the date of the approval of this Act, the commandant of the Marine Corps shall have the rank, pay, and allowances of a major-general in the Army, and when a vacancy shall occur in the office of commandant of the corps, on the expiration of the service of the present incumbent, by retirement or otherwise, the commandant of the Marine Corps shall thereafter have the rank, pay, and allowances of a brigadier-general.

Pay of officers on the retired list: For three colonels, three lieutenant-colonels, one adjutant and inspector, one quartermaster, three majors, nine captains, three first lieutenants, and three second lieutenants, fifty-seven thousand seven hundred and sixty-five dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million two hundred and thirty-six thousand and twenty-eight dollars.

In addition to the enlisted force of the Marine Corps now authorized by law there may be enlisted ten gunnery-sergeants, forty sergeants, sixty corporals, ten drummers, ten trumpeters, and six hundred and twenty privates.

Pay and allowance of retired enlisted men: For one sergeant-major, one drum-major, four gunnery-sergeants, eight first-class musicians, eleven first sergeants, twenty-nine sergeants, four corporals, one drummer, two fifers, and forty-two privates, and for those who may be retired during the year, thirty-seven thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty thousand dollars.

Mileage: For mileage of officers traveling under orders without troops, twenty thousand dollars.

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars.

PAY OF CIVIL FORCE: In the office of the brigadier-general commandant: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand five hundred and forty dollars and eighty cents; one clerk, at one thousand four hundred and ninety-six dollars and fifty-two cents; one clerk, at one thousand two hundred and fifty-seven dollars and twelve cents;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars; two clerks, additional, for duty in the Philippines—one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, twenty-five thousand four hundred and thirty-six dollars and twenty-three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

In all, pay Marine Corps, one million eight hundred and thirty-one thousand one hundred and twenty-nine dollars and twenty-three cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions and for ice for preservation thereof, four hundred and forty-five thousand and seventy-one dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, three hundred and eighty-two thousand dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, thirty-five thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of medals for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the school of application, purchase of signal equipment and stores, for the establishment and maintenance of targets and ranges, and renting ranges, and for procuring, preserving, and handling ammunition and other necessary military supplies, fifty thousand two hundred and ninety-seven dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, one hundred and ten thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; Mare Island, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings, forty-five thousand dollars.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, five thousand five hundred dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the quartermasters' department, and the authorized number of officers' horses, eleven thousand dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspector, the assistant paymaster, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, twenty thousand seven hundred *and forty-eight* dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives, and forks, tin cups, pans, and pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, one hundred and three thousand seven hundred dollars.

PUBLIC WORKS—MARINE CORPS.

Barracks and Quarters, Marine Corps: Construction of a fireproof marine barracks, navy-yard, Norfolk, Virginia, and necessary sewerage and grading, one hundred thousand dollars; construction of a veranda on enlisted men's quarters, navy-yard, Pensacola, Florida, three thousand five hundred dollars; installation of an electric lighting plant, marine barracks, navy-yard, New York, New York, three thousand five hundred dollars; installation of electric lights, marine barracks, navy-yard, Portsmouth, New Hampshire, one thousand dollars; improvements, sewers, plumbing, and so forth, marine barracks, navy-yard, Boston, Massachusetts, one thousand five hundred dollars; construction of a marine barracks, naval training station, San Francisco, California, thirty thousand dollars; officers' quarters, Sitka, Alaska, erection of officers' quarters at Sitka, Alaska, two thousand five hundred dollars, and the unexpended appropriations of two thousand five hundred dollars authorized in Act of June tenth, eighteen hundred and ninety-six, and one thousand dollars authorized in Act of June seventh, nineteen hundred, respectively, are hereby reappropriated for the erection of officers' quarters at Sitka, Alaska, two thousand five hundred dollars; for the erection of light frame buildings for the accommodation and protection of officers and enlisted men of the Marine Corps stationed on the island of Culebra, Porto Rico, five thousand dollars; in all, public works under Marine Corps, one hundred and forty-seven thousand dollars.

All contracts of the Carnegie Steel Company, Limited, heretofore made between it and the United States, shall be completed by its successor, the Carnegie Steel Company, or its lawful successor, which has acquired and assumed, or may acquire and assume, all of its assets and all of its liabilities under the said contracts. And the said Carnegie Steel Company, or its lawful successor, upon giving security in proper form and amount, conditioned for the performance by it of the said contracts according to the true intent and meaning thereof, shall be substituted therein for the said Carnegie Steel Company, Limited, and be entitled to exercise all rights thereunder which the said Carnegie Steel Company, Limited, had or would have had if it had continued in existence.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract two first-class battle ships carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of not more than sixteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two hundred and twelve thousand dollars each; two first-class armored cruisers of not more than fourteen thousand five hundred tons trial displacement, carrying the heaviest armor and most powerful armament for vessels of their class, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million six hundred and fifty-nine thousand dollars each; two gunboats of about one thousand tons trial displacement, to cost, when built, exclusive of armament, not exceeding three hundred and eighty-two thousand dollars each, and the contract for the construction of each of said vessels shall be awarded, by the Secretary of the Navy, to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic machinery; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the six battle ships, armored cruisers, and gunboats provided for in this Act shall be built by one contracting party.

One battle ship or one armored cruiser herein provided for shall be built on or near the coast of the Pacific Ocean or the waters connecting therewith; but if it shall appear to the satisfaction of the President from the bidding for such contracts that said vessel can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the corresponding vessel provided for in this Act, he shall authorize the construction of

said vessel elsewhere in the United States, subject to the limitations as to cost hereinbefore provided: *Provided*, That the Secretary of the Navy shall build one of the battle ships authorized by this Act in such navy-yard as he may designate: *Provided, further*, That the Secretary of the Navy shall build all the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms or corporations or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement or understanding, the effect, object or purpose of which is to deprive the Government of fair, open and unrestricted competition in letting contracts for the construction of any of said vessels.

The Secretary of the Navy is hereby instructed to keep an accurate account of the cost of inspection and construction of vessels provided for in this Act, whether built in Government yards or by contract, and report thereon to Congress, at each session, the progress of work and cost thereof, including the inspection of all the material going into the construction of said vessels, and, upon the completion thereof, to report a full and detailed statement showing the relative cost of inspection and construction in Government yards and by contract. And for the purpose of preparing and equipping such navy-yard or navy-yards as may be so designated for the construction of any such vessels, the sum of one hundred and seventy-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for each of the navy-yards in which the Secretary of the Navy may direct any such vessels to be built.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, thirteen million three hundred and three thousand and ten dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels heretofore authorized, nine million dollars.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, four hundred thousand dollars.

Approved, July 1, 1902.

[PUBLIC—No. 160.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and four, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and four, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentices, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, twenty-eight thousand five hundred men, the three thousand additional men herein authorized may be recruited upon the passage of this Act, and two thousand five hundred apprentices under training at training stations and on board training ships, at the pay prescribed by law, seventeen million seven hundred and six thousand and ninety-nine dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery

of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction, at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department or any of its subordinate bureaus or the offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy and for such purposes as he may deem proper, fifteen thousand dollars.

EMERGENCY FUND, NAVY DEPARTMENT.

To meet unforeseen contingencies for the maintenance of the Navy constantly arising, to be expended at the discretion of the President, twenty-five thousand dollars.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: For the transportation of enlisted men and apprentices at home and abroad; transportation and subsistence en route to their homes, if residents of the United States, of enlisted men and apprentices discharged on medical survey; transportation and subsistence en route to the places of enlistment, if residents of the United States, of enlisted men and apprentices discharged on account of expiration of enlistment; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, two hundred and twenty-one thousand four hundred and twenty-nine dollars.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentices, and all other expenses attending the recruiting for the naval service, eighty-eight thousand five hundred and seventy-one dollars.

Contingent: Freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, continuous-service certificates, discharges, good-conduct badges and medals for men and boys, books for training apprentices and landsmen, maintenance of gunnery and other training classes, packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation unforeseen and impossible to classify, twenty-seven thousand six hundred and seventy-nine dollars.

GUNNERY EXERCISES: Prizes for excellence in gunnery exercises and target practice; diagrams and reports of target practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, one hundred and twenty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentices of the Navy on first enlistment, ten thousand men and apprentices, at forty-five dollars each, four hundred and fifty thousand dollars.

MAINTENANCE OF COLLIERS: Pay, transportation, shipping, and sub-

sistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, two hundred and twenty-nine thousand five hundred dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones and all other contingent expenses, forty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval apprentice training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; books, tools, and necessary appliances for petty officers' school; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, fifty-five thousand dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, eight thousand dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, to be immediately available, one thousand dollars; services of civilian lecturers rendered at the War College, to be immediately available, six hundred dollars; purchase of books of reference, four hundred dollars; in all, eleven thousand two hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars

each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, thirteen thousand seven hundred and seventy dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, including the sum of nine hundred and nineteen dollars, to put the Government plot in Mount Moriah Cemetery, Philadelphia, Pennsylvania, in proper condition, and for its care during the fiscal year ending June thirtieth, nineteen hundred and four, burial expenses, and headstones, one thousand two hundred and sixty-nine dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; in all, for Naval Home, seventy-seven thousand three hundred and forty-four dollars; which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factory and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory; and for target practice, one million five hundred thousand dollars: *Provided*, That the unexpended balances remaining in the Treasury on June thirtieth, nineteen hundred and three, from the appropriations "Ordnance and ordnance stores," nineteen hundred and nineteen hundred and one, or so much thereof as may be necessary, are hereby reappropriated and made available during the fiscal year ending June thirtieth, nineteen hundred and four, for expenditure in fulfillment of contracts heretofore made and properly chargeable to said appropriations.

Reserve supply of ammunition, five hundred thousand dollars.

Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

To enlarge smokeless-powder factory at Indian Head, Maryland, fifty-five thousand dollars.

New and improved battery for the New York, one hundred thousand dollars.

Navy-yard, Washington, District of Columbia: New boiler plant, including foundations, economizers, conduits, connections, and auxiliaries for proposed power house, eighty thousand dollars.

New and improved machinery for existing shops, fifty thousand dollars.

Extension of steel-casting plant, five thousand dollars.

Converting large gun lathes from steam to electric drive, twenty-five thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage and express charges; expenses of light and water at magazines and stations; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; two foremen of gun factory, at two thousand two hundred dollars each; one ordnance engineer and computing draftsman for gun factory, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, twenty-six thousand five hundred and six dollars and seventy-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder factory, one thousand six hundred dollars;

Naval torpedo station, Newport, Rhode Island: For one ch
two thousand five hundred dollars; one clerk, at one th
hundred dollars; one draftsman, at one thousand five hundred dollars;
in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-six thousand and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains, commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock, and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, two million seven hundred and fifty thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal for steamers' and ships' use and other equipment purposes, including expenses of transportation, storage, and handling the same, two million five hundred thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, thirty-five thousand dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same, one hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; in all, seven thousand six hundred and seventy-five dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, one thousand six hundred dollars;

Cavite, Philippine Islands: For one electrician, at five dollars and four cents per diem; one clerk, at one thousand dollars; in all, two thousand five hundred and seventy-seven dollars and fifty-two cents;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars.

In all, civil establishment, Bureau of Equipment, thirty-three thousand six hundred and two dollars and fifty-two cents.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights,

fire engines, and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, and for pay of employees on leave, six hundred thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, forty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand two hundred dollars; in all, eight thousand three hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; in all, nine thousand eight hundred and thirty-one dollars and twenty-five cents;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; in all, twenty-one thousand six hundred and ninety-six dollars and eighty-nine cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-six dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of

tugs, at one thousand dollars; in all, nine thousand nine hundred and eighty-six dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand seven hundred and one dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand four hundred and seventy dollars and eighty-nine cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; in all, one thousand nine hundred and thirty-two dollars;

Naval station, Port Royal, South Carolina: For one clerk, one thousand two hundred dollars; one rodman and inspector, three dollars per diem; one messenger and janitor, one dollar and fifty cents per diem; one master of tugs, one thousand two hundred dollars; one mail messenger, including Sundays, two dollars per diem; one telegraph operator, including Sundays, two dollars per diem; one electrician, one thousand two hundred dollars; in all, six thousand five hundred and fifty-five dollars;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars;

Navy-yard, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem; in all, two thousand six hundred and ninety-one dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one quarterman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; in all, fourteen thousand three hundred and twenty dollars and one cent;

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, nine hundred

dollars; in all, seven thousand six hundred and fourteen dollars and sixteen cents;

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; in all, two thousand five hundred and eighty dollars;

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-nine dollars and twenty-five cents;

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; in all, two thousand four hundred and sixty dollars;

In all, civil establishment, Bureau of Yards and Docks, one hundred and eight thousand nine hundred and three dollars and seventy cents, and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Removal of Hendersons Point, to complete, five hundred and forty-nine thousand dollars; quay wall, to extend, seventy-five thousand dollars; grading, to continue, twenty-five thousand dollars; railroad and rolling stock, additions, eight thousand dollars; sewer systems, extensions, four thousand dollars; water systems, extensions, four thousand dollars; tools for yards and docks, additional, two thousand dollars; locomotive crane and track, to complete, fifty thousand dollars; electric plant, extensions, fifteen thousand dollars; central heating plant, extensions, fifteen thousand dollars; steel-plant building for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), to continue, fifty thousand dollars; blasting in front of quay wall, twenty-five thousand dollars; naval prison, ninety-five thousand dollars (toward the construction of the naval prison herein authorized there is also hereby reappropriated and made available the unexpended balance of appropriations made by the Acts approved March third, nineteen hundred and one, and July first, nineteen hundred and two, under the general title "Public Works, Bureau of Yards and Docks," for extension of the naval prison, navy-yard, Boston, Massachusetts); in all, nine hundred and seventeen thousand dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer system, extensions, fifteen thousand dollars; electric-light plant, extensions, fifteen thousand dollars; water-closets, additional, five thousand dollars; paving, to continue, fifty thousand dollars; drains, five thousand dollars; railroad system, extensions, twenty-four thousand dollars; pile driver, six thousand five hundred dollars; tools for yards and docks, ten thousand dollars; paint shop for construction and repair, thirty-five thousand dollars; steel shears, improvements to, fifteen thousand dollars; refitting and improving buildings forty-two and forty-three, forty thousand dollars; central heating system, extensions, twenty thousand dollars; extension of building numbered one hundred and

seven, fifty thousand dollars; in all, navy-yard, Boston, two hundred and ninety thousand five hundred dollars.

NAVAL STATION, NEW LONDON, CONNECTICUT: Railroad scales, two thousand five hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, twenty thousand dollars; dredging, to continue, twenty-five thousand dollars; railroad system, extensions, fifteen thousand dollars; improvements to building numbered one hundred and twenty-six, fifteen thousand dollars; electric plant, extensions, thirty thousand dollars; quay wall between dry docks numbered two and three (to be immediately available), twenty-five thousand dollars; rebuilding wharves on cob dock, twenty-five thousand dollars; new roof for building numbered twenty-eight, twenty thousand dollars; piers, additional, one hundred thousand dollars; coal bins and tracks for yards and docks (to be immediately available), two thousand five hundred dollars; extension of building numbered one hundred and sixteen, four thousand five hundred dollars; repairing and rebuilding crane track around dry dock numbered one, sixteen thousand dollars; in all, navy-yard, New York, New York, two hundred and ninety-eight thousand five hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; grading and paving, to continue, thirty thousand dollars; sewer system, extensions, ten thousand dollars; electric plant, extensions, seventy-five thousand dollars; railroad system, extensions, twenty thousand dollars; dredging and filling in Delaware water front, to continue, twenty-five thousand dollars; water system, extension, twelve thousand dollars; tools and appliances for yards and docks, five thousand dollars; pitch house and oakum loft for construction and repair, five thousand two hundred dollars; underground conduit system, twelve thousand dollars; fireproof vault, building numbered one, two thousand dollars; houses over artesian well pumps, three thousand dollars; fire-protection system, extensions, thirty-five thousand dollars; machine shop for steam engineering, to complete, twenty-five thousand dollars; in all, navy-yard, League Island, three hundred and nine thousand two hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Building for power plant, extension, one hundred and twenty-five thousand dollars; piled floor in storehouse for guns and mounts, twenty-seven thousand two hundred and forty dollars; raising floor of annex to building numbered forty-six, two thousand dollars; grading and paving, twenty-five thousand dollars; coal storage and handling plant for new power plant, forty-five thousand dollars; in all, navy-yard, Washington, two hundred and twenty-four thousand two hundred and forty dollars.

And upon the acquirement by the United States of title to all property abutting on Canal, Fifth, and N streets, and Georgia avenue, between the south building line of M street south and the Eastern Branch of the Potomac River, and between the east building line of Fourth street east and the west wall of the navy-yard in the city of Washington, District of Columbia, all portions of Canal, Fifth, and N streets, and Georgia avenue lying within such boundaries shall be abandoned and closed, and the Secretary of the Navy is authorized to take possession thereof, and said portions of said streets, together with Government reservations numbered two hundred and forty

and two hundred and fifty lying within the same boundaries, shall be regarded as set apart and reserved for naval purposes.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Power house and fuel storage for construction and repair, to complete, forty-five thousand dollars; machine shop for construction and repair, to complete, eighty thousand dollars; joiners' shop for construction and repair, to complete, ninety thousand dollars; machine shop for steam engineering, sixty thousand dollars; power house for steam engineering, twenty-five thousand dollars; in all, three hundred thousand dollars: *Provided*, That the Secretary of the Navy be, and hereby is, authorized to reconvey to the city of Charleston, South Carolina, a small triangular piece of land in the northern extremity of the tract recently purchased by the United States for the purposes of a navy-yard in the vicinity of Charleston, South Carolina, containing about one-thirtieth of an acre, at the same rate per acre as that at which said lands were conveyed to the United States by the said city of Charleston.

NAVY-YARD, NORFOLK, VIRGINIA: Quay wall for fitting-out basin, seventy-five thousand dollars; railroad tracks, extensions, five thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; electric capstans for dry docks, additional, five thousand dollars; cistern, twenty thousand dollars; landing float and slip for railroad cars, forty thousand dollars; improvements to storehouse building numbered fifteen, fifteen thousand dollars; enlarging canvas shed for storage of chain, thirty thousand dollars; in all, navy-yard, Norfolk, Virginia, one hundred and ninety-three thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: Quay wall, to continue, fifty thousand dollars; marine railway, fifteen thousand dollars; coaling plant, extensions and improvements, one hundred thousand dollars; in all, naval station, Key West, one hundred and sixty-five thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Medical dispensary, to complete, two thousand dollars; repairing forty-ton crane track, sixteen thousand dollars; completing and extending timber storage, four thousand dollars; storage tank for oil, twelve thousand dollars; locomotive crane, twelve thousand dollars; remodeling chain shed, four thousand dollars; railroad system, extensions, ten thousand dollars; electric plant, extensions, fifty thousand dollars; light and power station building, forty thousand dollars; moving and improving building numbered one hundred and thirteen, twelve thousand dollars; fittings for chapel, one thousand dollars; extension to electrical workshop, twenty-five thousand dollars; in all, navy-yard, Mare Island, one hundred and eighty-eight thousand dollars: *Provided*, That the balances from any appropriations for dredging be reappropriated for "Dredging or other means of deepening the channel in Mare Island Strait."

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, thirty thousand dollars; fire-protection system, extensions, ten thousand dollars; electric-light plant, extensions, three thousand dollars; telephone system, extensions, one thousand dollars; railroad and equipment, extensions, ten thousand dollars; boat shop for construction and repair, to continue (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water-closets, additional, two thousand five hundred dollars; water system, *extensions*, eight thousand dollars; foundry and coppersmith's shop,

to complete, fifty thousand dollars; boiler and blacksmith shop, to complete, fifty thousand dollars; heating system, extensions, three thousand dollars; extension of dry-dock boiler plant, ten thousand dollars; extension of general office building, five thousand dollars; two officers' quarters, ten thousand dollars; sick quarters, to complete, four thousand two hundred dollars; locomotive crane and track about dry dock (to cost ninety thousand dollars), forty thousand dollars; timber floats and gangway bridges, two thousand dollars; garbage scow, one one thousand five hundred dollars; in all, navy-yard, Puget Sound, Washington, two hundred and ninety-five thousand two hundred dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Crib for floating dry dock, ten thousand dollars; dredging, to continue, ten thousand dollars; electric-light plant, additions, three thousand dollars; building for Bureau of Equipment, one hundred and twenty thousand dollars; in all, navy-yard, Pensacola, one hundred and forty-three thousand dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Latrines, one thousand eight hundred dollars; additions to floating dock, fifteen thousand dollars; shops for steam engineering, extension, fifty thousand dollars; approach to floating dry dock, ten thousand dollars; to pay award of condemnation suit for land, thirty-five thousand dollars; in all, naval station, New Orleans, Louisiana, one hundred and eleven thousand eight hundred dollars.

NAVAL STATION, TUTUILA: Grading and filling, to continue, twenty thousand dollars; waterworks and accessories, five thousand dollars; carpenter and blacksmith shop, five thousand dollars; mooring, shoal, and channel buoys, four thousand dollars; ice-making plant, five thousand dollars; in all, naval station, Tutuila, thirty-nine thousand dollars.

NAVAL STATION, ISLAND OF GUAM: General storehouse, ten thousand dollars.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Distilling plant, twenty thousand dollars; floating steel dry dock, to continue, three hundred thousand dollars; in all, three hundred and twenty thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the preparation of plans and specifications for public works, including such expert aids, draftsmen, writers, and copyists as the Secretary of the Navy may deem necessary, thirty thousand dollars.

In all, public works, four million three hundred and thirty-six thousand nine hundred and forty dollars.

PUBLIC WORKS, SECRETARY'S OFFICE: For necessary expenditures incident to the occupation and utilization of the naval station at Guantanamo, Cuba, to be used for such purposes as the Secretary of the Navy may direct, one hundred thousand dollars.

PUBLIC WORKS, BUREAU OF NAVIGATION.

NAVAL ACADEMY: The limit of expenditure for the construction of buildings and other necessary improvements at the Academy, as set forth in the Act of June seventh, nineteen hundred, as amended by the Act of March third, nineteen hundred and one, is hereby increased to ten million dollars, and no part of the same

shall hereafter be used for the purchase of land. The Secretary of the Navy may modify or alter all plans or estimates of cost, within said limit, for all such buildings and improvements, including the hospital and dredging authorized in the Act approved July first, nineteen hundred and two, as he may see fit.

REPAIRS, NAVAL ACADEMY: For building and furnishing additional temporary quarters and recitation rooms and for enlarging and furnishing the mess hall, to be immediately available, sixty thousand dollars.

That the Secretary of the Navy, the Superintendent of the Naval Academy, and the mayor of Annapolis, Maryland, are hereby appointed a commission to ascertain the sites of, and to have erected suitable tablets upon, the historic places within the grounds of the United States Naval Academy at Annapolis, Maryland, and the sum of five hundred dollars is hereby appropriated for such purpose.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Extension of new wharf, four thousand two hundred and fifty dollars; in all, four thousand two hundred and fifty dollars.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Extending and completing stone quay and coaling pier at southeast end of island, ten thousand dollars; filling in two stagnant basins, one near main causeway and the other adjacent to the naval hospital, four thousand five hundred dollars; additional barracks for the accommodation of apprentices and landsmen under training, with mess hall, wash room, and all necessary appurtenances, two hundred and seventeen thousand five hundred dollars; in all, naval training station, Rhode Island, two hundred and thirty-two thousand dollars.

In all, Public works, Bureau of Navigation, two hundred and ninety-six thousand seven hundred and fifty dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NEW ENGLAND NAVAL MAGAZINE: The Secretary of the Navy is hereby directed to appoint a board of naval officers, whose duty it shall be to recommend a site or sites for one naval magazine on the New England coast, north of Cape Cod, suitable for the use of the Boston and Portsmouth navy-yards; and, if upon private land, to estimate its value and ascertain as nearly as practicable the cost for which it can be purchased or acquired, and also to estimate the cost of necessary buildings, grading, and filling in, building roads and walks, improvement of water front, necessary wharves and cranes, railroad tracks and rolling stock, fire and water service, and for general equipment of said naval magazine. The board shall make a full and detailed report to the Secretary of the Navy, who shall transmit such report, with his recommendations thereon, to the next session of Congress. And to defray the expenses of said board the sum of one thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: One new compressed-air charging station, with pipes and fittings, two thousand dollars; machine tools for machine shop, two thousand dollars; machine tools for carpenters' shop, one thousand two hundred dollars; improvements to old dock, nine thousand dollars; in all, naval magazine, Iona Island, fourteen thousand two hundred dollars.

NAVAL POWDER DEPOT, LAKE DENMARK, NEW JERSEY: Four electric elevators for two completed storehouses, ten thousand dollars; improvements to shell house numbered one; new floors, platforms, roof leaders, ventilators, and improving lightning protection, six thousand dollars; improvements to magazines numbered one and two; new roof gutters, ventilators, and improved lightning protection, three thousand six hundred dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, nineteen thousand six hundred dollars.

WATER SYSTEM, FORT NORFOLK, VIRGINIA: To connect the reservation with the city water mains, one thousand one hundred feet from main line, one thousand five hundred dollars.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Additional wharves and slips for torpedo boats; for moving present boathouse to a new location; and for dredging, twenty-five thousand dollars; in all, naval torpedo station, Newport, Rhode Island, twenty-five thousand dollars.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Three new cast-steel gun platforms, four thousand five hundred dollars; lightning protection, six thousand dollars; in all, naval proving ground, Indian Head, ten thousand five hundred dollars.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One shell house, eleven thousand dollars.

In all, public works, Bureau of Ordnance, eighty-two thousand eight hundred dollars.

NAVAL OBSERVATORY.

NAVAL OBSERVATORY: For grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene and department of instruction, and Naval Academy, one hundred and fifty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick enlisted persons to hospital; transportation of insane patients; care, transportation, and burial of the dead; advertising, telegraphing, rent of telephones, purchase of books and stationery, binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval

stations; washing for medical department at museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations and ships and rendezvous, and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses, thirty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty thousand dollars.

NAVAL HOSPITAL, NEW YORK, NEW YORK: Changing officers' quarters into wards for enlisted men, and building quarters for officers outside of naval hospital, twenty thousand dollars.

NAVAL HOSPITAL, WASHINGTON, DISTRICT OF COLUMBIA: The erection and completion of new buildings for the accommodation of the United States naval hospital, Washington, District of Columbia, on the grounds belonging to the United States Naval Museum of Hygiene, one hundred and twenty-five thousand dollars.

NAVAL LABORATORY, NEW YORK, NEW YORK: Erection and completion of a new building for the accommodation of the United States naval laboratory, New York, New York, on the grounds of the United States naval hospital, New York, New York, seventy-five thousand dollars.

NAVAL HOSPITAL, YOKOHAMA, JAPAN: Erection of new buildings at the United States naval hospital at Yokohama, Japan, to replace buildings unfit for further use, twenty-five thousand dollars.

SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in cases of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay corps, and chief boatswains, chief gunners, chief sailmakers, chief carpenters, and midshipmen), and commuted rations stopped on account of sick in hospital and credited to the naval-hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, four million dollars.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, news-

papers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, two hundred and fifty thousand dollars.

CLOTHING AND SMALL-STORES FUND: For purchase of clothing and small stores for issue to the Naval service, the present fund being inadequate to meet the requirements of the service at this time; to be added to the "clothing and small-stores fund," one million dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply fund section, one thousand four hundred dollars; one cloth inspector, one thousand two hundred and fifty-six dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand two hundred and nineteen dollars and nine cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at

one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at nine hundred and forty-two dollars each. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand and fifty-five dollars and seventy-five cents;

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two storemen, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars;

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk, one thousand four hundred dollars; two bookkeepers, at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars;

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars;

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and seventy-eight dollars and thirty-four cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials

and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters and barges for use at home stations; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy-yards, inspectors' offices, and bureau, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, eight million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

IMPROVEMENT OF CONSTRUCTION PLANTS: Repairs to and improvements of plant at navy-yard, Portsmouth, New Hampshire, twenty thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to and improvement of plant at navy-yard, Boston, Massachusetts, fifty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of plant at navy-yard, New York, New York, fifty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of plant at navy-yard, League Island, Pennsylvania, thirty thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of plant at navy-yard, Norfolk, Virginia, thirty thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to and improvement of plant at navy-yard, Mare Island, California, thirty thousand dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to and improvement of plant at Puget Sound Navy-Yard, Washington, seventy-five thousand dollars.

Construction plant, naval station, New Orleans, Louisiana: Repairs to and improvement of plant at naval station, New Orleans, Louisiana, twenty-five thousand dollars.

Steel ammunition lighter, naval station, Cavite, Philippine Islands: One steel steam ammunition lighter, with all fittings complete, for use at naval station, Cavite, Philippine Islands, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand

and seventeen dollars and twenty-five cents each; in all, four thousand four hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars;

Navy-yard, Pensacola, Florida: One writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Puget Sound Navy-Yard, Washington: One clerk to naval constructor, one thousand four hundred dollars;

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars;

In all, civil establishment, Bureau of Construction and Repair, twenty-seven thousand and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, two million one hundred and ninety thousand dollars;

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, one million two hundred thousand dollars;

For incidental expenses for navy vessels, yards, and the bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars;

In all, steam machinery, three million four hundred and five thou sand dollars.

Machinery plant, navy-yard, Boston, Massachusetts: Electric cranes for foundry, boiler shop, and smithery, and for some large and powerful machine tools to complete equipment of shops, sixty thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: Cranes and heavy tools to equip the shops as altered, twenty-five thousand dollars.

BUILDING ON LAND OWNED BY THE GOVERNMENT, ANNAPOLIS, *MARYLAND:* Bureau of Steam Engineering: For a building to be used

as an experiment station and testing laboratory in the department of marine engineering and naval construction (to cost not to exceed two hundred and fifty thousand dollars), two hundred and fifty thousand dollars. For the complete equipment of this building with all the necessary appliances and apparatus as an experiment station and testing laboratory, one hundred and fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars; in all, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of department of physics, three thousand dollars.

One professor as head of department of modern languages, three thousand dollars.

One professor of mathematics, one of chemistry, and one of English, at two thousand five hundred dollars each; four professors, namely, one of English, one of French and Spanish, one of French, and one of drawing, at two thousand two hundred dollars each; one assistant professor of Spanish, at one thousand eight hundred dollars; ten instructors, at one thousand five hundred dollars each.

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one assistant librarian, at one thousand dollars; one

secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, nine hundred and fifty-one dollars and fifty-two cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; eight attendants at recitation rooms, library, store, chapel, armory, and offices, at three hundred dollars each; one bandmaster, at one thousand and eighty dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; in all, seventy-seven thousand four hundred and forty-two dollars and fifty-two cents.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch and weigher, at two dollars and fifty cents per diem; seven watchmen, at two dollars each per diem; foreman of steam heating works of the Academy, at five dollars per diem; labor at power house, for masons, carpenters, and other mechanics and laborers, and for care of buildings, and grounds, wharves, and boats, forty-two thousand one hundred and fifty dollars and fifty cents; in all, fifty thousand dollars.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics and others in department of steam engineering, eleven thousand one hundred and fifty-four dollars and eighty-two cents.

Special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, thirty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; for heating and lighting the Academy and bandsmen's quarters, twenty-five thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books, for use of instructors, two thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the board

house, and for clerk hire, carriages, and other incidental and necessary expenses of the board, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics, and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, fifty thousand dollars; stores in the departments of steam engineering, eight hundred dollars; materials for repairs in steam machinery, one thousand dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; apparatus for the instruction of midshipmen in the department of marine engineering and naval construction, ten thousand dollars.

Repairs of sextants in the department of navigation, one thousand dollars.

In all, Naval Academy, two hundred and seventy thousand three hundred and ninety-seven dollars and thirty-four cents.

The grades of the active list of the Navy hereinafter designated shall be so increased that there shall be thirty additional lieutenant-commanders, in all two hundred; fifty additional lieutenants, in all three hundred and fifty; such total numbers of lieutenants (junior grade) and ensigns as may qualify for said grades under existing law and the provisions of this Act; thirty additional surgeons with the rank of lieutenant-commander, in all eighty-five; one hundred and twenty additional passed assistant and assistant surgeons, with the rank, respectively, of lieutenant and lieutenant (junior grade), in all two hundred and thirty; two additional pay inspectors, in all fifteen; thirty-six additional paymasters, in all seventy-six; twenty-six additional passed assistant and assistant paymasters, in all ninety-six; twenty-nine additional naval constructors and assistant naval constructors, in all seventy-five; one additional civil engineer, in all twenty-eight; and twelve assistant civil engineers, of whom six shall have the rank of lieutenant (junior grade) and six the rank of ensign: *Provided*, That assistant civil engineers, during the first five years after date of appointment, shall receive, per annum, when on duty, one thousand five hundred dollars, when on leave or waiting orders, one thousand dollars; during the second five years after such date, when on duty, one thousand eight hundred dollars, when on leave or waiting orders, one thousand two hundred dollars; and after ten years from such date, when on duty, two thousand one hundred dollars, and when on leave or waiting orders, one thousand four hundred dollars: *And provided further*, That promotions in the corps of civil engineers shall be after such examination as the Secretary of the Navy may prescribe.

The increase in the grades of lieutenant-commander and lieutenant provided for in this Act shall be filled by promotion each year of not exceeding twenty-five per centum of the total number of the increase in each of said grades; and not more than twenty-five assistant surgeons, not more than twenty assistant paymasters, nor more than five assistant naval constructors, nor more than three assistant civil engineers, in addition to those necessary to fill vacancies in said grades, shall be appointed in any one calendar year.

Hereafter in each calendar year there may, under the restrictions imposed by existing law, be appointed from the boatswains, gunners, and warrant machinists of the Navy twelve ensigns.

There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional Congressional appointments authorized by this Act shall be made at such times as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, Districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman. *Provided further*, That members of the Fifty-seventh Congress who will not be members of the Fifty-eighth Congress, and in whose Districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this Act make the additional appointments herein provided for.

The Secretary of the Navy shall as soon as practicable after the fifth day of March in each year notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, District, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendation shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, District, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, District, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the Academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

That the provisions of this Act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the governor of Porto Rico.

That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years.

Nothing contained in this Act shall affect the officers of the Navy who may have been or may hereafter be advanced in rank under existing provisions of law by which they become extra numbers in their

respective grades, or operate to vacate the commission of any officer now in the service.

That from and after the passage of this Act, and in order to further increase the efficiency of the Marine Corps, the following additional officers, noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps, are hereby authorized and directed, namely: One colonel, one lieutenant-colonel, five majors, twelve captains, twenty-five first lieutenants, twelve second lieutenants, one assistant adjutant and inspector with the rank of lieutenant-colonel, two assistant adjutants and inspectors with the rank of major, one assistant quartermaster with the rank of lieutenant-colonel, five assistant quartermasters with the rank of captain, one assistant paymaster with the rank of lieutenant-colonel, one assistant paymaster with the rank of captain, one sergeant-major, forty quartermaster-sergeants, twelve first sergeants, sixty-five sergeants, fifty-five corporals, ten drummers, ten trumpeters, and five hundred and twenty-seven privates: *Provided*, That the vacancies now existing in the line and the staff departments of the Marine Corps and those created by this Act below the grade of brigadier-general shall be filled, respectively, first by promotion by seniority and then by selection and appointment as now provided by law, excepting that vacancies in the grade of second lieutenant shall be filled first, as far as practicable, from graduates of the Naval Academy each year on completing the prescribed course at the Naval Academy, exclusive of the probationary tour of sea service before final graduation, then from meritorious noncommissioned officers and from civil life between the ages of twenty-one and twenty-seven years: *Provided*, That the commissions of officers now in the Marine Corps shall not be vacated by this Act: *And provided further*, That officers selected for appointment to fill vacancies in the grade of field officers in any of the staff departments shall be taken from officers on the active list not below the grade of captain and who have seen not less than seven years' service as commissioned officers in the Marine Corps. And that appointments to the grade of captain in any of the staff departments shall be made from officers on the active list of the Marine Corps not below the grade of first lieutenant.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and forty-seven thousand nine hundred dollars;

Pay of officers on the retired list: For three colonels, three lieutenant-colonels, one adjutant and inspector, one quartermaster, one assistant quartermaster, two majors, nine captains, three first lieutenants, and three second lieutenants, fifty-five thousand one hundred and forty dollars;

Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, one million three hundred and sixty-five thousand six hundred and twenty-eight dollars;

Pay and allowance of retired enlisted men: For one sergeant-

one drum-major, four gunnery-sergeants, eight first-class musicians, twelve first sergeants, thirty-one sergeants, five corporals, one drummer, one fifer, and forty-three privates, and for those who may be retired during the year, thirty-eight thousand dollars;

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-six thousand dollars;

Mileage: For mileage of officers traveling under orders without troops, twenty thousand dollars;

For commutation of quarters to officers on duty without troops where there are no public quarters, eight thousand dollars;

PAY OF CIVIL FORCE: In the office of the major-general commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: One clerk, at one thousand four hundred dollars; two clerks, additional, for duty in the Philippines—one in Pay and one in Quartermaster's Department—at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand four hundred dollars; one messenger, at one dollar and seventy-five cents per diem;

In all, for pay of civil force, twenty-seven thousand one hundred and ten dollars and three cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

In all, pay Marine Corps, two million and ninety-seven thousand seven hundred and seventy-eight dollars and three cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions and the employment of necessary labor connected therewith, and for ice for preservation of rations, four hundred and ninety-two thousand and eighty-seven dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is im-

practicable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, four hundred and twenty-two thousand three hundred and seventy dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, fifty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of medals for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the school of application; for the construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men; purchase and repair of signal equipment and stores, for the establishment and maintenance of targets and ranges, and renting ranges, and for procuring, preserving, and handling ammunition and other necessary military supplies, one hundred and ten thousand eight hundred and ninety-five dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, one hundred and twenty-one thousand six hundred and twenty dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Newport, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, sixty-six thousand three hundred and thirty-six dollars.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, six thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the quartermaster's department, and the authorized number of officers' horses, seventeen thousand seven hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to

the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspector, the assistant paymaster, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, thirty thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillow-cases, towels, and sheets, funeral expenses of marines, including the transportation of bodies from the place of demise to the homes of the deceased in the United States, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons and medicines for public horses, purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves, laying drain, water, and gas pipes, water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, one hundred and thirty-six thousand dollars.

PUBLIC WORKS, MARINE CORPS.

Barracks and Quarters, Marine Corps: Purchase of ground and erection of building at Philadelphia, to be used for manufacture of clothing and storing of supplies and office of assistant quartermaster (to cost not to exceed one hundred and fifty thousand dollars), one hundred and fifty thousand dollars; construction and completion of commanding officers' and junior officers' quarters, navy-yard, Norfolk, Virginia, forty-two thousand dollars; construction and completion of commanding officers' and junior officers' quarters, naval training station, San Francisco, California, sixteen thousand dollars; construction and completion of one power house and the installation of steam heat, marine barracks and officers' quarters, navy-yard, Mare Island, California, eleven thousand dollars; in all, public works under Marine Corps, two hundred and nineteen thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided three first-class battle ships carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of not more than sixteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two hundred and twelve thousand dollars each; two first-class battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class, upon a trial displacement of not more than thirteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million five hundred thousand dollars each; two steel ships, to be used in training landsmen and apprentices, to be propelled by sail, and to cost, exclusive of armament, not exceeding three hundred and seventy thousand dollars each; one wooden brig, to be used for training landsmen and apprentices at stations, to be propelled by sail, and to cost, exclusive of armament, not exceeding fifty thousand dollars; and the contract for the construction of each of said vessels shall be awarded, by the Secretary of the Navy, to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic machinery; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the five battle ships provided for in this Act shall be built by one contracting party: *Provided further*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats in the aggregate of, but not exceeding, five hundred thousand dollars: *Provided*, That prior to said purchase or contract for said boats any American inventor or owner of a subsurface or submarine torpedo boat may give reasonable notice and have his, her, or its subsurface

or submarine torpedo boat tested by comparison or competition, or both, with a Government subsurface or submarine torpedo boat or any private competitor, provided there be any such, and thereupon the board appointed for conducting such tests shall report the result of said competition or comparison, together with its recommendations, to the Secretary of the Navy, who may purchase or contract for subsurface or submarine torpedo boats in a manner that will best advance the interests of the United States in submarine warfare: *And provided further*, That before any subsurface or submarine torpedo boat is purchased or contracted for it shall be accepted by the Navy Department as fulfilling all reasonable requirements for submarine warfare and shall have been fully tested to the satisfaction of the Secretary of the Navy. To carry out the purpose aforesaid the sum of five hundred thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, fifteen million twenty-five thousand six hundred and thirty-two dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized, ten million dollars.

EQUIPMENT: Toward the completion of the equipment of the new vessels authorized, four hundred thousand dollars.

Approved, March 3, 1903.

[PUBLIC No. 181.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and five, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and five, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; general storekeepers; receiving ships and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentices, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, thirty-one thousand five hundred men and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year; the three thousand additional men herein authorized may be recruited upon the passage of this Act, and two thousand five hundred apprentices under training at training stations and on board training ships, at the pay prescribed by law, nineteen million three hundred and twenty-four thousand and ninety-three dollars.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts and periodicals;

ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department or any of its subordinate bureaus or the offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, sixty-five thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and five.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: For the transportation of enlisted men and apprentices at home and abroad; transportation and subsistence en route to their homes, if residents of the United States, of enlisted men and apprentices discharged on medical survey; transportation and subsistence en route to the places of enlistment, if residents of the United States, of enlisted men and apprentices discharged on account of expiration of enlistment; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, two hundred and fifty-four thousand dollars.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentices, and all other expenses attending the recruiting for the naval service, ninety-seven thousand one hundred and forty-one dollars.

Contingent: Freight, telegraphing on public business, postage on letters sent abroad, ferriage, ice, continuous-service certificates, discharges, good-conduct badges and medals for men and boys; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentices and landsmen; maintenance of gunnery and other training classes; packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation unforeseen and impossible to classify, thirty thousand three hundred and fifty-eight dollars.

GUNNERY EXERCISES: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation to and from ranges, one hundred and twenty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentices of the Navy on first enlistment, ten thousand men and apprentices, at forty-five dollars each, four hundred and fifty thousand dollars.

MAINTENANCE OF COLLIERS: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, two hundred and twenty-four thousand six hundred and four dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, forty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses; lectures and suitable entertainments for apprentices, one thousand dollars; in all, fifty-six thousand dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, eight thousand dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, to be immediately available, one thousand dollars; services of civilian lecturers rendered at the War College, to be immediately available, six hundred dollars; purchase of books of reference, four hundred dollars; in all, eleven thousand two hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at four hundred and eighty dollars; one matron, at four hundred and twenty dollars; one beneficiaries' attendant, at two hundred and forty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty
one stable keeper and driver, at three hundred and sixty

master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, fourteen thousand and seventy dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, and furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; total miscellaneous, sixty-two thousand six hundred and fifty-five dollars; in all, for Naval Home, seventy-six thousand seven hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factory, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory, and for target practice, two million dollars.

Reserve supply of ammunition, five hundred thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

Purchase and installation of machine tools at the navy-yard, Boston, Massachusetts, five thousand dollars.

Purchase and installation of machine tools at the navy-yard, Portsmouth, New Hampshire, four thousand dollars.

Purchase and installation of machine tools at the torpedo station, Newport, Rhode Island, five thousand dollars.

Purchase and installation of machine tools at naval magazine, Lake Denmark, New Jersey, two thousand dollars.

Navy-yard, Washington, District of Columbia: Purchase of a fifteen-ton wrecking car, seven thousand five hundred dollars; new and improved machinery for existing shops, one hundred thousand dollars; repairs to boiler plant, three thousand dollars; repairs to cranes, machinery, locomotives, and wrecking car, ten thousand dollars; in all, one hundred and twenty thousand five hundred dollars.

Navy-yard, Mare Island, California: Purchase and installation of overhead traveling cranes in building numbered one hundred and eleven, thirteen thousand two hundred dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, one hundred and twenty-five thousand dollars.

RESERVE GUNS FOR SHIPS OF THE NAVY: Purchase and manufacture of reserve guns for ships of the Navy, one hundred and twenty-five thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations, advertising, cartage and express charges, expenses of light and water at magazines and stations; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; two foremen of gun factory, at two thousand five hundred dollars each; one ordnance engineer and computing draftsman for gun factory, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, twenty-seven thousand one hundred and six dollars and seventy-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder fac-
thousand dollars;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-seven thousand and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains and for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war, professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; service and supplies for coast-signal service; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, three million dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal and other fuel, for the supply of steamships of war, including the purchase of necessary land, six hundred thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal and other fuel for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, two million seven hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: For freight and transportation of equipment stores; packing boxes and materials, printing, advertising, telegraphing, books, and models, stationery; furniture for equipment offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, thirty-five thousand dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and freight and express charges on the same, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of ropewalk, at two thousand dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one civil superintendent of chain shop, two thousand dollars; one civil superintendent of anchor shop, two thousand dollars; in all, eleven thousand eight hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, one thousand six hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Cavite, Philippine Islands: One master electrician, at six dollars per diem (in lieu of one electrician, at five dollars and four cents per diem, now appropriated for), one thousand eight hundred and seventy-eight dollars; one clerk, one thousand dollars; in all, two thousand eight hundred and seventy-eight dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars;

In all, civil establishment, Bureau of Equipment, thirty-eight thousand and twenty-eight dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight, transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; watertax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, and for pay of employees on leave, seven hundred and twenty-five thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, forty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand four hundred dollars; one stenographer and typewriter, one thousand dollars; one writer, nine hundred dollars; one telegraph operator and clerk, nine hundred dollars; one draftsman, one thousand two hundred dollars; one master of tugs, one thousand two hundred dollars; in all, thirteen thousand seven hundred and thirty-seven dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; one stenographer and typewriter, at three dollars and twenty-eight cents per diem; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand and forty-two dollars and eighty-nine cents;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one time clerk in lieu of one writer, one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers,

at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; one master of tugs, one thousand five hundred dollars; in all, twenty-three thousand one hundred and sixty-six dollars and thirteen cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; one foreman joiner, at four dollars per diem; one stenographer and typewriter, civil engineer's office, one thousand dollars; in all, twelve thousand four hundred and twenty-five dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one time clerk, nine hundred dollars; in all, six thousand five hundred and ninety-five dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; one foreman mechanic, at four dollars and twenty-four cents per diem, one thousand three hundred and twenty-seven dollars and twelve cents; one foreman of teams, at two dollars and twenty-four cents per diem, seven hundred and one dollars and twelve cents; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one stenographer and typewriter, civil engineer's office, one thousand two hundred dollars; in all, sixteen thousand six hundred and sixteen dollars and eighty-seven cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one electrician, at one thousand four hundred dollars; one draftsman, at four dollars per diem, one thousand two hundred and fifty-two dollars; one foreman laborer, at three dollars and fifty-

two cents per diem, one thousand one hundred and one dollars and seventy-six cents; one stenographer, typewriter and telegraph operator, at three dollars and four cents per diem, nine hundred and fifty-one dollars and fifty-two cents; one writer, at two dollars and eighty cents per diem, eight hundred and seventy-six dollars and forty cents; in all, seven thousand five hundred and eleven dollars and sixty-eight cents;

Naval station, Port Royal, South Carolina: For one clerk, one thousand two hundred dollars; one rodman and inspector, three dollars per diem; one messenger and janitor, one dollar and fifty cents per diem; one master of tugs, one thousand two hundred dollars; one mail messenger, including Sundays, two dollars per diem; one telegraph operator, including Sundays, two dollars per diem; one electrician, one thousand two hundred dollars; in all, six thousand five hundred and forty-six dollars and fifty cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars; one clerk, at one thousand four hundred dollars; one messenger and janitor, at one dollar and seventy-six cents per diem; in all, two thousand six hundred and forty-two dollars and forty cents;

Navy-yard, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem; one stenographer and typewriter, civil engineer's office, at nine hundred and fifty dollars; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one foreman laborer, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; one messenger, commandant's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; in all, seven thousand seven hundred and ninety-six dollars and fifty cents;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one quarterman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; one clerk in civil engineer's office, at one thousand dollars; in all, fifteen thousand two hundred and ninety-one dollars and sixty-seven cents;

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, nine hundred dollars; one stenographer and typewriter, civil engineer's office, at one thousand dollars; one writer, at nine hundred dollars; one messenger, at one dollar and seventy-six cents per diem, five hundred and fifty dollars and eighty-eight cents; one foreman carpenter, at four dollars and fifty cents per diem, one thousand four hundred and eight dollars and fifty cents; in all, eleven thousand four hundred and sixty-six dollars and seventy-eight cents;

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; one foreman, one thousand one hundred dollars; in all, three thousand six hundred and eighty dollars;

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-seven dollars and twenty-five cents;

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; one clerk, commandant's office, seven hundred and twenty dollars; one messenger, commandant's office, one hundred and eighty dollars; in all, three thousand three hundred and sixty dollars;

Naval station, Guam: One clerk, one thousand six hundred dollars; one foreman machinist, one thousand six hundred dollars; one messenger and janitor, six hundred dollars; in all, three thousand eight hundred dollars;

In all, civil establishment, Bureau of Yards and Docks, one hundred and forty-eight thousand seven hundred and ninety dollars and ninety-two cents, and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, eight thousand dollars; sewer systems, extensions, five thousand dollars; tools for yards and docks, additional, two thousand dollars; electric plant, extensions, thirty-five thousand dollars; central heating plant, extensions, ten thousand dollars; steel-plant building, for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), to complete, fifty thousand dollars; railroad and wagon scales, eight thousand dollars; electric elevators in new storehouse, eight thousand dollars; crane, hoists, and elevator for chain shed, six thousand dollars; underground conduit system, to continue, fifteen thousand dollars; to enable the Secretary of the Navy to continue and complete his examination concerning the fresh-water supply at the Portsmouth Navy-Yard, directed by the Act of July first, nineteen hundred and two, two thousand dollars, or so much thereof as may be needed; in all, one hundred and forty-nine thousand dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer system, extensions, fifteen thousand dollars; electric-light plant, extensions, twenty thousand dollars; paving, to continue, fifty thousand dollars; railroad system, extensions, twenty thousand dollars; tools for yards and docks, five thousand dollars; underground conduit system, fifteen thousand dollars; approach to dry dock numbered two, fifty thousand dollars; capstans for dry dock numbered one, seven thousand five hundred dollars; wire-rope mill for equipment, sixty-five thousand dollars; anchor and chain shed for equipment, nine thousand three hundred dollars; in all, navy-yard, Boston, two hundred and fifty-six thousand eight hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, ten thousand dollars; railroad system, extensions, ten thousand dollars; electric plant, extensions, twenty thousand dollars; tools for yards and docks, two thousand dollars; railroad equipment, ten thousand dollars; cranes, seven thousand five hundred dollars; underground conduits, thirty thousand dollars; sewers and drains, six thousand dollars; commandant's quarters, additions, four thousand five hundred dollars; locomotive and car shed, extensions, five thousand dollars; heating system, extension, ten thousand dollars; latrines, additional, four thousand dollars; extension of building ten, two thousand five hundred dollars; granite and concrete dry dock, to continue, two hundred thousand dollars; prison on Cob Dock, fifty thousand dollars; in all, navy-yard, New York, New York, three hundred and seventy-one thousand five hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, eighty thousand dollars; grading and paving, to continue, twenty-five thousand dollars; sewer system, extensions, three thousand five hundred dollars; electric plant, extensions, one hundred thousand dollars; railroad system, extensions, five thousand dollars; dredging and filling in Delaware water front, to continue, thirty thousand dollars; water system, extension, eight thousand dollars; underground conduit system, eight thousand dollars; fire-protection system, extensions, ten thousand dollars; sea wall extension, fifty thousand dollars; one officers' quarters, eight thousand dollars; extension of reserve basin, to continue dredging, seventy-five thousand dollars; locomotive crane track, extension, thirty thousand dollars; storehouse for naval supplies, to complete, eighty thousand four hundred and seventy dollars; in all, navy-yard, League Island, five hundred and twelve thousand nine hundred and seventy dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Building for power plant, extension, to complete, one hundred and thirty-five thousand nine hundred and sixty-four dollars; coal storage and handling plant for new power plant, nineteen thousand and eighty-four dollars; machinery for power plant, extension, two hundred and five thousand two hundred dollars; sewer system, to extend, ten thousand dollars; walls about extension of yard, thirty-two thousand dollars; grading, to continue, five thousand dollars; paving, to extend, ten thousand dollars; drainage, to extend, five thousand dollars; underground conduit system, extension, ten thousand dollars; dredging, five thousand dollars; electric-light plant, extension, five thousand dollars; telephone and time systems, extensions, two thousand dollars; pipe-fitters' shop, twenty thousand dollars; one locomotive crane, ten thousand dollars; one one-hundred-and-fifty-ton platform scale, three thousand six hundred and seventy-five dollars; building for electric power plant, extension, ninety-seven thousand nine hundred and eighty-three dollars; in all, navy-yard, Washington, five hundred and seventy-five thousand nine hundred and six dollars.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Machine shop for steam engineering, to complete, thirty-four thousand dollars; power house for steam engineering, to complete, twenty-five thousand dollars; stone and concrete dry dock, to continue, three hundred thousand dollars; workshop, to complete, thirty thousand dollars; equipment building, to complete, sixty-two thousand five hundred dollars; shipfitters' shop, for construction and repair, to complete, one hundred and

fifty thousand dollars; foundry, for construction and repair, to complete, fifty-five thousand dollars; storehouse and storekeeper's office, to complete, fifty thousand dollars; in all, navy-yard, Charleston, South Carolina, seven hundred and six thousand five hundred dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Purchase of land, four hundred thousand dollars; railroad tracks, extensions, five thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; fitting-out basin, to complete, fifty-five thousand dollars; piers and slips, one hundred thousand dollars; dredging, five thousand dollars; renewing wharves at entrance to dry docks, fifteen thousand dollars; water-closet at dry docks, five thousand dollars; electric plant, extensions, twenty thousand dollars; storehouse for torpedo-boat outfits, fifty-five thousand dollars; paving and grading, ten thousand dollars; railroad rolling stock, three thousand dollars; fire-protection system, extensions, fifteen thousand dollars; heating system, extensions, two thousand dollars; electric crane in erecting shop, fifteen thousand dollars; concrete and granite dry dock, to continue, two hundred and fifty thousand dollars; improvement to forty-ton locomotive crane, one thousand dollars; in all, navy-yard, Norfolk, Virginia, nine hundred and fifty-nine thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: Fire-protection system, extension, two thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extensions, fifteen thousand dollars; electric plant, extensions, twenty-five thousand dollars; moving and improving building numbered one hundred and thirteen, five thousand dollars; improvement of channel in Mare Island Strait, one hundred and fifty thousand dollars; storage shed for yards and docks, to extend, three thousand dollars; freight shed, building forty-nine, to extend, three thousand dollars; dry dock water-closets and bath house, to complete, three thousand five hundred dollars; tools for yards and docks, five thousand dollars; sewer system, extensions, five thousand dollars; telephone system, extensions, two thousand dollars; improvement of building forty-six for coppersmiths and plumbers' shop, twenty thousand dollars; improvement of buildings fifty-one, sixty-nine, and seventy-one, nine thousand dollars; building for oil storage, extension, seven thousand five hundred dollars; gallery for building fifty-one, one thousand five hundred dollars; elevators for buildings fifty-one and sixty-nine, four thousand dollars; improvement to rigging storeroom, building eighty-seven, five hundred dollars; improvements to medical dispensary, one thousand dollars; in all, navy-yard, Mare Island, two hundred and sixty thousand dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, thirty thousand dollars; fire-protection system, extensions, four thousand dollars; electric-light plant, extensions, four thousand dollars; telephone system, extensions, two thousand dollars; railroad and equipment, extensions, sixteen thousand dollars; boat shop for construction and repair, to complete (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water system, extensions, six thousand dollars; heating system, extensions, six thousand dollars; extension of dry-dock boiler plant, fifteen thousand dollars; locomotive crane and track about dry dock (to cost ninety thousand dollars), to complete, fifty thousand dollars; dredging, ten thousand dollars; quay wall, extension, forty thousand

dollars; roads and walks, five thousand dollars; yard scow, to complete, three thousand five hundred dollars; joiner shop, for construction and repair, extension, fifteen thousand dollars; two warrant officers' quarters, six thousand five hundred dollars; coal pockets, ten thousand dollars; timber storage shed, two thousand dollars; pile driver, two thousand five hundred dollars; fire-alarm system, five thousand dollars; machinery for yards and docks, carpenter shop, two thousand dollars; machinery for yards and docks, machine shop, three thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and ninety-two thousand five hundred dollars.

NAVY-YARD, PENSACOLA, FLORDIA: Dredging, to continue, ten thousand dollars; central power house (to cost one hundred and four thousand five hundred dollars), sixty thousand dollars; dump scows, twelve thousand dollars; tools for yards and docks, two thousand dollars; ship fitters' shop, building forty-four, extensions, ten thousand dollars; in all, navy-yard, Pensacola, ninety-four thousand dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Latrines, five thousand five hundred dollars; shops for steam engineering and fittings and grading, thirty-five thousand dollars; improvement of water front, forty-five thousand dollars; levee improvement and grading, thirty thousand dollars; railroad system, twenty-five thousand dollars; paving, twenty thousand dollars; telephone system, three thousand dollars; sewer system, extensions, ten thousand dollars; water system, extensions, eighteen thousand dollars; drainage system, ten thousand dollars; coal bins, five thousand dollars; two buildings for officers' quarters, ten thousand dollars; floor, construction and repair shops, five thousand five hundred dollars; fencing naval property, ten thousand dollars; central electric light and power plant, thirty-seven thousand five hundred dollars; closing Pattison street and Saux lane and grading, two thousand dollars; in all, navy-yard, New Orleans, two hundred and seventy-one thousand five hundred dollars.

NAVAL STATION, GUANTANAMO, CUBA: Dry dock, two hundred thousand dollars; dredging at Toro Key, forty thousand dollars; sea wall at Toro Key, seventy-five thousand dollars; reservoir and water system, fifty thousand dollars; clearing and grading, twenty thousand dollars; in all, three hundred and eighty-five thousand dollars.

NAVAL STATION, TUTUILA: New deck for wharf, five thousand dollars; in all, naval station, Tutuila, five thousand dollars.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Floating steel dry dock, to continue, seven hundred and twenty-five thousand dollars; for improving and enlarging naval prison, ten thousand dollars; in all, seven hundred and thirty-five thousand dollars.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: To complete survey of reservation, twenty thousand dollars; for repairing buildings erected by the Spaniards for temporary use as shops, storehouses, offices, and so forth, twenty-five thousand dollars; toward building one thousand seven hundred and fifty feet of quay wall, at one hundred and forty-four dollars per foot (one-fourth), sixty-three thousand dollars; commandant's quarters, nine thousand dollars; three officers' quarters, eighteen thousand dollars; toward constructing Marine barracks and outbuildings, fifty thousand dollars; Marine officers' quarters, six thousand dollars; dredging entrance to basin—channel four hundred by thirty-five feet deep, about twenty-five thousand cubic *yards, at thirty* cents, seven thousand five hundred dollars; dredging

in basin in front of quay walls, one hundred and sixty thousand cubic yards, at thirty cents, for floating dock, forty-eight thousand dollars; water supply from brick-yard springs (capacity fifty thousand gallons in ten hours), eleven thousand feet four-inch galvanized-iron pipe, forty-seven and one-half cents per foot, five thousand two hundred and twenty-five dollars; valves and fittings, two hundred and fifty dollars; freight and transportation, seven hundred and twenty dollars; distribution in the yard, one thousand five hundred dollars; laying pipes, three thousand two hundred dollars; temporary reservoir, forty by forty by ten feet, capacity one hundred thousand gallons, five thousand dollars; one pier for use in landing and receiving stores for immedate use, one hundred thousand dollars; toward coaling plant, five hundred thousand dollars; in all, eight hundred and sixty-two thousand three hundred and ninety-five dollars.

The Secretary of the Navy is hereby authorized, in his discretion, to consolidate the several power plants in any or all of the several navy-yards and stations at each navy-yard and station under the Bureau of Yards and Docks for the generation and distribution of light, heat, and power for all the purposes of the Navy. To the above end all such plants may be transferred from other bureaus to the Bureau of Yards and Docks, and all appropriations heretofore made for power houses and power plants for bureaus other than Yards and Docks are hereby reappropriated and made available under the Bureau of Yards and Docks for the consolidations herein provided for; and to further carry out the purposes of this provision there is hereby appropriated the sum of three hundred thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS AND STATIONS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the preparation of plans and specifications for public works, and for plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, for public works, forty-five thousand dollars.

In all, public works, seven million two hundred and eighty-four thousand and seventy-one dollars.

UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction and furnishing of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the Acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, three million dollars.

In order to further improve the grounds at the Naval Academy and secure the best site for the naval hospital heretofore authorized and appropriated for, the removal of the cemetery from its present site to another to be selected is authorized, if the Secretary, in his discretion, shall deem advisable, and to this end the sum of thirty thousand dollars, or so much as is necessary, to be immediately available, is authorized to be expended out of the three million dollars above appropriated.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Salt-water fire-protection system, fourteen thousand dollars; ventilation and

sanitary improvement of barracks for increased cleanliness and to prevent spread of contagious diseases, five thousand dollars; in all, nineteen thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Continuing sea wall on west side of island, and completing breakwater, ten thousand dollars; moving and rebuilding stables and farmer's house to clear site for officers' quarters, four thousand dollars; in all, naval training station, Rhode Island, fourteen thousand dollars.

NAVAL TRAINING STATION, GREAT LAKES: The purchase of land and the establishment of a naval training station on the Great Lakes, two hundred and fifty thousand dollars. The President is hereby authorized and empowered to appoint a board consisting of not less than three members, none of whom shall be a resident of any State bordering on the Great Lakes, whose duty it shall be to select the most available site for such naval training station on the Great Lakes, and having selected such site, to ascertain and report its probable cost and the probable expenditure which will be necessary for improving the same, including lake shore protection and construction of necessary harbor facilities; and to make a detailed report of their findings and proceedings to the President who, upon approval of such report, shall authorize the purchase of such site and the establishment of such naval training station. And to defray the expenses of said board, the sum of five thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated out of any money in the Treasury not otherwise appropriated.

NAVAL WAR COLLEGE, RHODE ISLAND (BUILDINGS): Altering the building formerly belonging to training station and fitting the same for occupancy by officers of the war college, six thousand five hundred dollars.

Furniture for the extension of the Naval War College now nearing completion, one thousand six hundred and twenty-five dollars.

In all, public works, Bureau of Navigation, two hundred and ninety-six thousand one hundred and twenty-five dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL MAGAZINE, NEW ENGLAND: For the purchase of land for a site for a naval magazine on or near the New England coast, north of Cape Cod, and toward the erection thereon of the necessary buildings, of inclosing said grounds, of grading and filling in, of building roads and walks, of the improvement of the water front, of the necessary wharves and cranes, of railroad tracks and rolling stock for local service, of fire and water service, and of the equipment of the establishment, seventy thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ, and pay out of the appropriation hereby authorized, such additional expert aids, surveyors, architects, superintendents of construction, or draftsmen as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized, to an amount not to exceed fifteen thousand dollars: *Provided*, That the total cost of the establishment, complete in all respects, shall not exceed the sum of five hundred thousand dollars: *And provided further*, That should the Secretary of the Navy be unable to purchase the land for the site from the owners

thereof, at a fair and reasonable valuation, he is hereby authorized and directed to institute proceedings for the condemnation of such part or parts thereof as may be necessary: *And provided further*, That the Secretary of the Navy is hereby authorized and directed to discontinue the magazine now in the city of Chelsea not later than the time when the new magazine for the New England coast is ready to be occupied.

NAVAL POWDER DEPOT, LAKE DENMARK, NEW JERSEY: Improvements to present water system, new water mains, hydrants, and so forth, six thousand dollars; additional filling house, two thousand dollars; lengthening railroad switch, two thousand dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, ten thousand dollars.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One magazine building, including lightning protection, track connections, and so forth, ten thousand dollars; extension of gun-cotton magazine, one thousand one hundred dollars; in all, eleven thousand one hundred dollars.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Addition to chemical laboratory, one thousand dollars; addition to seamen's quarters and central latrine for employees, one thousand six hundred dollars; coal shed and shed for fire hose and fire apparatus, one thousand five hundred dollars; fireproof storehouse for torpedo-boat supplies, thirty thousand dollars; in all, Newport, Rhode Island, thirty-four thousand one hundred dollars.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Concreting range battery, three thousand five hundred dollars; improvements to wharves and slips, eight thousand dollars; sulphuric-acid plant, consisting of the necessary buildings and apparatus for making sulphuric acid, fifty-five thousand dollars; coal-storage and coal-handling facilities, ten thousand dollars; additional powder magazines, twenty thousand dollars; extension of boiler plant, twenty-five thousand dollars; in all, naval proving ground, Indian Head, one hundred and twenty-one thousand five hundred dollars.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: New powder magazine, including lightning protection, track connections, and so forth, twenty thousand dollars;

NAVAL MAGAZINE, MARE ISLAND, CALIFORNIA: One observation magazine for suspected powders, five hundred dollars; one filling house, one thousand seven hundred dollars;

NAVAL MAGAZINES, PHILIPPINE ISLANDS: Powder magazines, shell and filling houses, and so forth, fifty thousand dollars;

In all, public works, Bureau of Ordnance, three hundred and eighteen thousand nine hundred dollars.

UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY.

NAVAL OBSERVATORY: For grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars;

Fence: Materials for fence to inclose the whole of the Observatory grounds, two thousand eight hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene and department of instruction, and Naval Academy, two hundred and twenty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight, expressage on medical stores, tolls, ferriages, transportation of sick enlisted persons to hospital; transportation of insane patients; care, transportation, and burial of the dead; advertising, telegraphing, rent of telephones, purchase of books and stationery, binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' officers and dispensaries at navy-yards and naval stations, surgeons' quarters at naval hospitals; washing for medical department at museum of hygiene, and department of instruction, naval dispensary, Washington; naval laboratory sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships and rendezvous; and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses; in all, fifty thousand dollars.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, fifteen thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until used, and applicable to past as well as future obligations.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty-five thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

NAVAL HOSPITAL, NORFOLK, VIRGINIA: Changing officers' quarters *into* wards for enlisted men, and building quarters for officers outside *of naval hospital*, twenty thousand dollars.

NAVAL HOSPITAL, CANACAO, PHILIPPINE ISLANDS: Naval hospital at Canacao, Philippine Islands, to complete, seventy thousand dollars.

SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay corps and chief boatswains, chief gunners, chief sailmakers, chief carpenters), and midshipmen and commuted rations stopped on account of sick in hospital and credited to the naval-hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, four million eight hundred and fifty thousand dollars: *Provided*, That pay department stores may be sold to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For freight and express charges, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, transportation of stores purchased under the naval-supply fund, and other incidental expenses, two hundred and fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one

bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply fund section, one thousand four hundred dollars; one cloth inspector, one thousand two hundred and fifty-two dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand one hundred and seventy-three dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at *nine hundred* and forty-two dollars each. In yard pay office: One

writer, at one thousand and seventeen dollars and twenty-five cents: in all, nine thousand and fifty-five dollars and seventy-five cents;

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two store men, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars;

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk, one thousand four hundred dollars; two bookkeepers, at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars;

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars;

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and thirty-two dollars and twenty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters and barges for use at home stations; wear, tear, and repair of vessels afloat; general care, increase and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy-yards, inspectors' offices and bureaus, such as advertising, freight, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, eight million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

IMPROVEMENT OF CONSTRUCTION PLANTS: Repairs to and improvements of plant at navy-yard, Portsmouth, New Hampshire, twenty thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to and improvement of plant at navy-yard, Boston, Massachusetts, thirty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to and improvement of plant at navy-yard, New York, New York, fifty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of plant at navy-yard, League Island, Pennsylvania, twenty thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of plant at navy-yard, Norfolk, Virginia, fifteen thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to and improvement of plant at navy-yard, Pensacola, Florida, twenty thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to and improvement of plant at navy-yard, Mare Island, California, twenty thousand dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to and improvement of Puget Sound Navy-Yard, Washington, thirty thousand dollars.

SEAGOING TUGS: Two seagoing tugs, with all fittings, complete, each, one hundred and seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three clerks, at one thousand two hundred dollars each; three clerks, at one thousand one hundred dollars each; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, eleven thousand three hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Puget Sound Navy-Yard, Washington: One clerk to naval constructor, one thousand four hundred dollars; one clerk, at one thousand dollars; one clerk, at nine hundred dollars; in all, three thousand three hundred dollars;

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars;

Naval station, Cavite, Philippine Islands: One clerk to naval constructor, one thousand four hundred dollars; two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars;

In all, civil establishment, Bureau of Construction and Repair, forty thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches, two million one hundred and ninety thousand dollars;

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, one million two hundred thousand dollars;

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, freight, photographing, books, stationery, office furnishings, and instruments, fifteen thousand dollars;

In all, steam machinery, three million four hundred and five thousand dollars.

EXTENDED TESTS OF MARINE STEAM TURBINES: For an extended series of tests, and for original investigation and research, in connection with the determination of the efficiency, economy, adaptability, and endurance of the steam turbine for naval purposes, twenty-five thousand dollars.

Machinery plant, navy-yard, Boston, Massachusetts: Necessary to furnish new power plant and a number of locomotive cranes required for handling heavy parts of machinery, seventy-five thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: To furnish new and additional tools for pattern shops and foundry; also to furnish condensing apparatus for the new power plant, air compressors, and locomotive cranes, fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars; in all, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at o thousand three hundred dollars; one messenger, at six hundred dc lars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand dollars.

That the President be authorized, by and with the advice and consent of the Senate, to appoint a professor of mathematics of the rank of commander to rank after Aaron Nichols Skinner and to be an extra number in the list of professors of mathematics in the Navy.

One professor of mathematics, one of chemistry, one of English, one of French, and one of Spanish, at two thousand five hundred dollars each.

Four professors, namely, one of English, one of French, one of drawing, and one of Spanish, at two thousand two hundred dollars each.

Three instructors, at two thousand dollars each.

Four instructors, at one thousand eight hundred dollars each.

Ten instructors, at one thousand five hundred dollars each.

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one assistant librarian, at one thousand dollars; one secretary to the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, nine hundred and fifty-one dollars and fifty-two cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents;

one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; ten attendants at recitation rooms, library, store, chapel, armory, gymnasium, and offices, at three hundred dollars each; one bandmaster, at one thousand two hundred dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; one assistant instructor in gymnastics, one thousand dollars; one clerk to the Superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; in all, ninety-five thousand three hundred and twenty-two dollars and fifty-two cents.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch and weigher, at two dollars and fifty cents per diem; seven watchmen, at two dollars each per diem; foreman of steam heating works of the Academy, at five dollars per diem; labor at power house, for masons, carpenters, and other mechanics and laborers; and for care of buildings and grounds, wharves, and boats, forty-two thousand one hundred and fifty dollars and fifty cents; in all, fifty thousand dollars.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics and others in department of steam engineering, fifteen thousand two hundred and eighty-five dollars and ninety-four cents.

Special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, thirty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; and for heating and lighting the Academy and bandsmen's quarters, thirty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase of books for the library (to be purchased in open market on the written order of the Superintendent), two thousand dollars; stationery, blank books, models, maps, and text-books, for use of instructors, three thousand dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy and for supplying necessary outfit for the Board house, and for clerk hire, carriages, and other incidental and necessary expenses of the Board, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, sixty thousand dollars; stores in the departments of steam engineering, one thousand dollars; materials for repairs in steam machinery, one thousand five hundred dollars; for contingencies for the Superintendent of

the Academy, to be expended in his discretion, one thousand dollars; apparatus for the instruction of midshipmen in the department of marine engineering and naval construction, thirty thousand dollars.

In all, Naval Academy, three hundred and twenty-eight thousand one hundred and eight dollars and forty-six cents.

That subject to the restrictions imposed by existing law, boatswains, gunners, and warrant machinists shall be eligible for appointment to the grade of ensign after four years' service as warrant officers, and boatswains, gunners, carpenters, and sailmakers shall be eligible for appointment as chief boatswains, chief gunners, chief carpenters, and chief sailmakers after six years from date of warrant.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and forty-five thousand nine hundred dollars;

Pay of officers on the retired list: For one major-general, four colonels, four lieutenant-colonels, one adjutant and inspector, one quartermaster, one assistant quartermaster, two majors, nine captains, three first lieutenants, and four second lieutenants, seventy thousand two hundred and thirty-seven dollars and fifty cents;

Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders; including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good conduct medals, pins or bars, fifteen thousand dollars; one million three hundred and eighty thousand six hundred and twenty-eight dollars;

Pay and allowance of retired enlisted men: For two sergeants-major, one drum-major, four gunnery-sergeants, one quartermaster-sergeant, twelve first sergeants, thirty-four sergeants, seven corporals, eight first-class musicians, one drummer, one trumpeter, and forty-two privates, and for those who may be retired during the year, thirty-eight thousand dollars;

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, thirty-six thousand dollars;

Mileage: For mileage of officers traveling under orders without troops, twenty thousand dollars;

For commutation of quarters of officers on duty without troops where there are no public quarters, eight thousand dollars;

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one

thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand four hundred dollars each; two clerks, additional, for duty in the Philippines—one in Pay and one in Quartermaster's Department—at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars;

In all, for pay of civil force, twenty-eight thousand nine hundred and eleven dollars and twenty-eight cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

In all, pay Marine Corps, two million one hundred and twenty-seven thousand six hundred and seventy-six dollars and seventy-eight cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, four hundred and ninety-two thousand and eighty-seven dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, four hundred and twenty-two thousand three hundred and seventy dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, sixty thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges, for

incidental expenses of the school of application; for the construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men; purchase and repair of signal equipment and stores; for the establishment and maintenance of targets and ranges, and renting ranges, and for entrance fees in competitions; and for procuring, preserving, and handling ammunition, and other necessary military supplies, one hundred and ten thousand eight hundred and ninety-five dollars.

To reimburse the Ordnance Department, United States Army, for two thousand magazine rifles, caliber thirty, latest model, delivered to the assistant quartermaster, United States Marine Corps, Philadelphia, Pennsylvania, on August seventeenth, nineteen hundred and three, twenty-eight thousand five hundred and forty dollars, to remain available not to exceed two years, to replace like ordnance stores.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage, and the expense of the recruiting service, one hundred and twenty-one thousand six hundred and twenty dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Narragansett Station, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, sixty-six thousand three hundred and thirty-six dollars.

For rent of building used for manufacture of clothing, storing of supplies, and office of assistant quartermaster, Philadelphia, Pennsylvania, six thousand dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the Quartermaster's Department, and the authorized number of officers' horses, seventeen thousand seven hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for hire of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, the assistant paymasters, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, thirty-five thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, including the transportation of *bodies from* the place of demise to the homes of the deceased in the

United States, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons, and medicines for public horses; purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades; purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves; laying drain, water, and gas pipes; water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, one hundred and sixty thousand dollars.

That officers of the Marine Corps with creditable records who served during the civil war shall, when retired, be retired in like manner and under the same conditions as provided for officers of the Navy who served during the civil war.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: Construction and completion of one brick boiler house and bakery, navy-yard, Portsmouth, New Hampshire, five thousand dollars;

Installation of electric lights in barracks and officers' quarters, navy-yard, Boston, Massachusetts, two thousand five hundred dollars;

Construction and completion of an addition to marine barracks, including the erection and furnishing of a band room, mess hall, men's kitchen, and men's gymnasium, marine barracks, Washington, District of Columbia, one hundred and fifty thousand dollars;

Construction and completion of marine barracks and one set of officers' quarters, six thousand five hundred dollars, which sum shall be in addition to fifteen thousand dollars appropriated for this object in the naval appropriation Act approved March third, nineteen hundred and one, naval station, New Orleans, Louisiana, six thousand five hundred dollars;

Construction and equipment of a cold-storage and ice plant, Olongapo, Philippine Islands, five thousand dollars;

Total public works under Marine Corps, one hundred and sixty-nine thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

One first-class battle ship, carrying the heaviest armor and most powerful armament for a vessel of its class upon a trial displacement of not more than sixteen thousand tons; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars.

Two first-class armored cruisers, of not more than fourteen thousand five hundred tons trial displacement, carrying the heaviest armor and most powerful armament for a vessel of its class; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars each.

Three scout cruisers, of not more than three thousand seven hundred and fifty tons trial displacement, carrying the most powerful ordnance of vessels of their class; to have the highest speed compatible with good cruising qualities and great radius of action, and to cost exclusive of armament, not exceeding one million eight hundred thousand dollars each.

Two colliers, to be capable of accompanying the battle fleet; to carry five thousand tons of cargo coal, loaded, and to have a trial speed of not less than sixteen knots, to cost not exceeding one million two hundred and fifty thousand dollars each. Said colliers shall be built in navy-yards, one on the Pacific and the other on the Atlantic coast, the same to be designated by the Secretary of the Navy.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the vessels provided for in this Act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the

Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats in the aggregate of, but not exceeding, eight hundred and fifty thousand dollars: *Provided*, That prior to said purchase or contract for said boats any American inventor or owner of a subsurface or submarine torpedo boat may give reasonable notice and have his, her, or its subsurface or submarine torpedo boat tested by comparison or competition, or both, with a Government subsurface or submarine torpedo boat or any private competitor, provided there be any such, and thereupon the board appointed for conducting such tests shall report the result of said competition or comparison, together with its recommendations, to the Secretary of the Navy, who may purchase or contract for subsurface or submarine torpedo boats in a manner that will best advance the interests of the United States in torpedo or submarine warfare: *And provided further*, That before any subsurface or submarine torpedo boat is purchased or contracted for it shall be accepted by the Navy Department as fulfilling all reasonable requirements for submarine warfare and shall have been fully tested to the satisfaction of the Secretary of the Navy. To carry out the purpose aforesaid the sum of eight hundred and fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and to make up said sum of eight hundred and fifty thousand dollars, the sum of five hundred thousand dollars carried, or such parts thereof as may remain unexpended, and authorized in the naval appropriation Act, approved March third, nineteen hundred and three, is hereby reappropriated.

CONSTRUCTION AND MACHINERY: On account of the hulls, outfits, and machinery of vessels, and steam machinery of vessels heretofore authorized, nineteen million eight hundred and twenty-six thousand eight hundred and sixty dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized, twelve million dollars.

The Secretary of the Navy is hereby authorized to procure by contract armor of the best quality for any or all vessels herein authorized at such price as in his judgment is just and reasonable.

Approved, April 27, 1904.

FIFTY-EIGHTH CONGRESS, THIRD SESSION, MARCH 3, 1905.

[PUBLIC—No. 214.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and six, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and six, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations, general storekeepers, receiving ships, and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentices, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, thirty-four thousand five hundred men; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement; and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year; and two thousand five hundred apprentices under training at training stations and on board training ships, at the pay prescribed by law, seventeen million five hundred thousand dollars: *Provided*, That the sum of two million five hundred thousand dollars from the unexpended balances remaining in the Treasury under appropriations "Pay of the Navy, nineteen hundred and two," and "Pay of the Navy, nineteen hundred and three," is hereby reappropriated for the "Pay of the Navy for the fiscal year ending June thirtieth, nineteen hundred and six."

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while t eling abroad under orders, and for traveling expenses of civilian em oyees, and for actual and necessary traveling expenses of midshipm wh proceeding from their homes to the Naval Academy for tion and appointment as midshipmen; for rent and fu tu offices not in navy-yards; expenses of cou prisons, and courts of inquiry, boards of i

with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage, tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or the offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, sixty-five thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and six.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: For the transportation of enlisted men and apprentices at home and abroad, with subsistence and transfers en route, or cash in lieu thereof, transportation to their homes, if residents of the United States, of enlisted men and apprentices discharged on medical survey, with subsistence and transfers en route or cash in lieu thereof; transportation to the places of enlistment, if residents of the United States, of enlisted men and apprentices discharged on account of expiration of enlistment, with subsistence and transfers en route or cash in lieu thereof; transportation of sick or insane enlisted persons to hospital, with subsistence and transfers en route or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, three hundred and eighty thousand dollars.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentices, and all other expenses attending the recruiting of the naval service, including actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, ninety thousand one hundred and forty-one dollars.

Contingent: Advertising, telegraphing on public business, postage on letters sent abroad, ferriage, ice, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentices and landsmen; maintenance of gunnery

and other training classes; packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, twenty-five thousand dollars.

GUNNERY EXERCISES: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets and ranges; for hiring established ranges, and for transportation of men and equipment to and from ranges, one hundred and twenty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentices of the Navy on first enlistment, twelve thousand six hundred men and apprentices, at forty-five dollars each, five hundred and sixty-seven thousand dollars.

MAINTENANCE OF COLLIERS: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, three hundred and ninety-three thousand and eighty-four dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses, fifty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses; lectures and suitable entertainments for apprentices, one thousand dollars; in all, sixty-one thousand dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, twelve thousand three hundred dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, one thousand dollars; services of civilian lecturers rendered at the War College, six hundred dollars; purchase of books of reference, four hundred dollars; one librarian, one thousand four dred dollars per year; in all, sixteen thousand nine hundred do

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at four hundred and eighty dollars; one matron, at four hundred and twenty dollars; one beneficiaries' attendant, at two hundred and forty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, fourteen thousand and seventy dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, four hundred and fifty dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, and furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; total miscellaneous, sixty-two thousand seven hundred and fifty-five dollars; in all, for Naval Home, seventy-six thousand eight hundred and twenty-five dollars, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory, and for target practice, three million dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

Tools, such as milling machines, planer, burnisher, band saw, wood-turning lathe, grindstone, and so forth, at navy-yard, Portsmouth, New Hampshire, five thousand dollars.

Traveling cranes for ordnance machine shop at navy-yard, New York, six thousand three hundred dollars.

Navy-yard, Washington, District of Columbia, namely: New and improved machinery for existing shops, one hundred thousand dollars; the third-fourth boilers and installation of same, fifty thousand dollars; new locomotive, eight thousand dollars; in all, one hundred and fifty-eight thousand dollars.

RESERVE TORPEDOES AND APPLIANCES: For the purchase of reserve torpedoes and appliances, one hundred thousand dollars.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the Act approved March third, eighteen hundred and ninety-one, and in section four of the Act approved May tenth, eighteen hundred and ninety-two, fifty thousand dollars.

RESERVE GUNS FOR SHIPS OF THE NAVY: Purchase and manufacture of reserve guns for ships of the Navy, one hundred and fifty thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, and the printing or purchase of the necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars, and no other fund appropriated by this Act shall be used in payment for such service.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Advertising, cartage and express charges, expenses of light and water at magazines and stations; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia. For one chemist, at two thousand five hundred dollars; two foremen of gun factory, at two thousand five hundred dollars each; one ordnance engineer and computing draftsman for gun factory, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one sand dollars; in all, twenty-seven thousand one hundred and six and seventy-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder factory, two thousand dollars;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars: one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-seven thousand and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains and for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war, professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; service and supplies for coast-signal service; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electricial appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, *three million* dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal and other fuel, for the supply of steamships of war, including the purchase of necessary land, three hundred thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal and other fuel for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, and for the general maintenance of naval coaling depots and coaling plants, two million seven hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: Express charges on equipment stores; packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment of offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, eleven thousand dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and express charges on the same, seventy-five thousand dollars: *Provided*, That of the above, a sum not exceeding one thousand five hundred dollars may be expended by the Secretary of the Navy in procuring a survey and estimate of cost for a channel into Welles Harbor, Midway Islands.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of ropewalk, at two thousand dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one civil superintendent of chain shop, two thousand dollars; one civil superintendent of anchor shop, two thousand dollars; in all, eleven thousand eight hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, one thousand six hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Cavite, Philippine Islands: One master electrician, one thousand eight hundred and seventy-eight dollars; one clerk, one thousand dollars; in all, two thousand eight hundred and seventy-eight dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars;

In all, civil establishment, Bureau of Equipment, thirty-eight thousand and twenty-eight dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, and for pay of employees on leave, seven hundred and fifty-four thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand four hundred dollars; one stenographer and typewriter, one thousand dollars; one writer, nine hundred dollars; one telegraph operator and clerk, nine hundred dollars; one draftsman, one thousand two hundred dollars; one master of tugs, one thousand two hundred dollars; in all, thirteen thousand seven hundred and thirty-seven dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one elec-

trician, at one thousand four hundred dollars; one stenographer and typewriter, at three dollars and twenty-eight cents per diem; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand and forty-two dollars and eighty-nine cents;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one time clerk, one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; one master of tugs, one thousand five hundred dollars; in all, twenty-three thousand one hundred and sixty-six dollars and thirteen cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; one foreman joiner, at four dollars per diem; one stenographer and typewriter, civil engineer's office, one thousand dollars; in all, twelve thousand four hundred and twenty-five dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one time clerk, nine hundred dollars; in all, six thousand five hundred and ninety-five dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; one foreman mechanic, at four dollars and twenty-four cents per diem, one thousand three hundred and twenty-seven dollars and twelve cents; one foreman of teams, at two dollars and twenty-four

cents per diem, seven hundred and one dollars and twelve cents; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one stenographer and typewriter, civil engineer's office, one thousand two hundred dollars; in all, sixteen thousand six hundred and sixteen dollars and eighty-seven cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one electrician, at one thousand four hundred dollars; one draftsman, at four dollars per diem, one thousand two hundred and fifty-two dollars; one foreman laborer, at three dollars and fifty-two cents per diem, one thousand one hundred and one dollars and seventy-six cents; one stenographer, typewriter, and telegraph operator, at three dollars and four cents per diem, nine hundred and fifty-one dollars and fifty-two cents; one writer, at two dollars and eighty cents per diem, eight hundred and seventy-six dollars and forty cents; in all, seven thousand five hundred and eleven dollars and sixty-eight cents;

Naval station, Port Royal, South Carolina: One messenger and janitor, one dollar and fifty cents per diem; one telegraph operator, including Sundays, two dollars per diem; in all, one thousand one hundred and ninety-nine dollars and fifty cents;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars; one clerk, at one thousand four hundred dollars; one messenger and janitor, at one dollar and seventy-six cents per diem; in all, two thousand six hundred and forty-two dollars and forty cents;

Navy-yard, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem; one stenographer and typewriter, civil engineer's office, at nine hundred and fifty dollars; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one foreman laborer, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; one messenger, commandant's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; in all, seven thousand seven hundred and ninety-six dollars and fifty cents;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one foreman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; one clerk in civil engineer's office, at one thousand dollars; in all, fifteen thousand two hundred and ninety-one dollars and sixty-seven cents;

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one

thousand two hundred dollars; one writer and telegraph operator, at nine hundred dollars; one stenographer and typewriter, civil engineer's office, at one thousand dollars; one writer, at nine hundred dollars; one messenger, at one dollar and seventy-six cents per diem, five hundred and fifty dollars and eighty-eight cents; one foreman carpenter, at four dollars and fifty cents per diem, one thousand four hundred and eight dollars and fifty cents; in all, eleven thousand four hundred and sixty-six dollars and seventy-eight cents;

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; one foreman, one thousand one hundred dollars; in all, three thousand six hundred and eighty dollars;

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and and forty-seven dollars and twenty-five cents;

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; one clerk, commandant's office, seven hundred and twenty dollars; one messenger, commandant's office, one hundred and eighty dollars; in all, three thousand three hundred and sixty dollars.

Naval station, Guam: One clerk, one thousand six hundred dollars; one foreman machinist, one thousand six hundred dollars; one messenger and janitor, six hundred dollars; in all, three thousand eight hundred dollars;

In all, civil establishment, Bureau of Yards and Docks, one hundred and forty-three thousand four hundred and forty-three dollars and ninety-two cents, and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, five thousand dollars; sewer systems, extension, five thousand dollars; underground conduit system, to continue, ten thousand dollars; quay walls, to extend, seventy thousand dollars; grading, to continue, thirty thousand dollars; piers and slips, to extend, twenty-five thousand dollars; fittings for dry dock numbered two, thirty-five thousand dollars; sidewalks and streets, five thousand dollars; boiler shop for steam engineering, to cost completed not to exceed one hundred and forty thousand dollars, seventy-five thousand dollars; toward pattern shop for steam engineering, thirty-nine thousand four hundred dollars; rebuilding and extending coaling plant, thirty thousand dollars; telephone system, extension, one thousand dollars; naval prison, administration building (to cost one hundred and thirty thousand dollars), seventy thousand dollars; in all, four hundred thousand four hundred dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer s] :m, extensions, fifteen thousand dollars; paving, to continue, tw ty-five thousand dollars; railroad system, extensions, twelve tho and five hundred dollars; water system, extensions, fi hund d

thirty dollars; track for traveling crane, extension, thirty-four thousand three hundred and ten dollars; fire-protection system, to extend, eight thousand five hundred dollars; foundations for steam engineering tools, four thousand two hundred and sixty dollars; approach to dry dock numbered one, forty-three thousand one hundred dollars; oil storehouse, fifteen thousand dollars; in all, navy-yard, Boston, one hundred and sixty-two thousand nine hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, ten thousand dollars; railroad system, extensions, eight thousand dollars; electric plant, extensions, ten thousand dollars; railroad equipment, additional, five thousand dollars; underground conduits, extensions, ten thousand dollars; sewers and drains, additional, five thousand dollars; latrines, additional, four thousand dollars; telephone system, extension, two thousand dollars; scale house and scales, six thousand dollars; auxiliary hoist for one-hundred-ton crane, twenty thousand dollars; bridge between buildings six and one hundred and fifteen, one thousand two hundred dollars; improvement in building eight, one thousand dollars; in all, navy-yard, New York, New York, eighty-two thousand two hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, one hundred thousand dollars; grading and paving, to continue, twenty thousand dollars; sewer system, extensions, ten thousand dollars; railroad system, extension, twelve thousand dollars; dredging and filling in Delaware water front, to continue, thirty thousand dollars; water system, extension, five thousand dollars; fire-protection system, extensions, five thousand dollars; extension of reserve basin, to continue dredging, seventy-five thousand dollars; locomotive crane track, extension, twenty-five thousand dollars; underground conduit system, extension, fifteen thousand dollars; telephone system, improvements, two thousand five hundred dollars; extension of building twenty-four, three thousand dollars; locomotive crane for yards and docks, seven thousand five hundred dollars; berth for receiving ship, twenty thousand dollars; water-closets, additional, five thousand dollars; pump and boiler for caisson, dry dock numbered one, two thousand dollars; piers, extensions, forty thousand dollars; in all, navy-yard, League Island, three hundred and seventy-seven thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, eight thousand dollars; underground conduit system, to extend, five thousand dollars; dredging, to continue, five thousand dollars; building for electric power plant extension, to complete, seventy-five thousand dollars; fire and telephone station and naval prison building, fourteen thousand dollars; fire-protection system, to extend, five thousand dollars; railroad system, to extend, five thousand dollars; heating system, extension, five thousand dollars; water system, to extend, fifteen thousand dollars; in all, navy-yard, Washington, one hundred and thirty-seven thousand dollars.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to continue, two hundred and fifty thousand dollars; approach to dry dock, fifty-seven thousand dollars; equipment for yards and docks workshop, five thousand dollars; grading and paving, fifteen thousand dollars; railroad system, extensions, five thousand dollars; railroad equipment, five thousand dollars; water system, extension, four thou-

sand dollars; fire-protection system, five thousand dollars; machinery for yards and docks power house, fifty thousand dollars; in all, navy-yard, Charleston, South Carolina, three hundred and ninety-six thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Piers and slips, to continue, fifty thousand dollars; dredging, to continue, five thousand dollars; electric plant, extensions, twenty thousand dollars; paving and grading, additional, seven thousand five hundred dollars; railroad rolling stock, additional, three thousand dollars; fire-protection system, extensions, five thousand dollars; heating system, extensions, three thousand dollars; locomotive, six thousand dollars; underground conduit system, ten thousand dollars; improvement to one hundred-ton shears, fifteen thousand dollars; telephone system, extension, two thousand dollars; sewers, extensions, three thousand dollars; wharf extension at Saint Helena, eight thousand five hundred dollars; roads at Saint Helena, four thousand dollars; storehouse and issuing room for clothing at Saint Helena, three thousand five hundred dollars; house for contagious diseases, two thousand five hundred dollars; in all, navy-yard, Norfolk, Virginia, one hundred and forty-eight thousand dollars.

NAVAL STATION, KEY WEST, FLORIDA: Fire-protection system, extension, three thousand dollars; pumping plant for fresh water, five thousand dollars; dredging and filling in, fifteen thousand dollars; water system, six thousand dollars; in all, navy-yard, Key West, Florida, twenty-nine thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollars; electric-plant system, extension, five thousand dollars; improvement of channel in Mare Island Strait, to continue, one hundred thousand dollars; sewer system, extensions, three thousand dollars; telephone system, extensions, one thousand dollars; paving and grading, to continue, ten thousand dollars; heating system, extension, five thousand dollars; addition to fire-engine house, building ninety-nine, four thousand dollars; two floats, four thousand dollars: improvements to building seventy-seven, one thousand five hundred dollars; improvements to building seventy-one, five hundred dollars; moving and improving washhouse, four thousand two hundred dollars; completion of torpedo-boat wharf, three thousand dollars; shed for condemned provisions, one thousand dollars. For the purpose of preparing and equipping yard for the construction of vessels, one hundred and seventy-five thousand dollars; in all, navy-yard, Mare Island, three hundred and twenty-two thousand two hundred dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, twenty thousand dollars; fire-protection system, extensions, ten thousand dollars; electric-light plant, extensions, ten thousand dollars; telephone system, extensions, one thousand five hundred dollars; railroad and equipment, extensions, six thousand dollars; boat shop for construction and repair, to equip and complete, twenty-five thousand dollars; water system, extensions, three thousand dollars; heating system, extensions, six thousand dollars; locomotive and crane track about dry dock, to continue, thirty thousand dollars; dredging, to continue, ten thousand dollars; quay wall, extension, twenty-five thousand dollars; roads and walks, extensions, five thousand dollars; joiner shop, for construction and repair, to complete, five thousand dollars; machinery for yards and docks, two

thousand dollars; piers, additional, fifty thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and thirteen thousand five hundred dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Central power house (to complete), forty-four thousand five hundred dollars; tools for yards and docks, two thousand dollars; water system, ten thousand dollars; fire-protection system, five thousand dollars; closets and lavatories, three thousand five hundred dollars; garbage crematory, seven thousand five hundred dollars; machinery for central power house (to cost one hundred and twenty thousand dollars), fifty thousand dollars; railroad track and equipment, ten thousand dollars; telephone system, extensions, two thousand dollars; elevator for building numbered one, one thousand dollars; in all, navy-yard, Pensacola, one hundred and thirty-five thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, fifty thousand dollars; levee improvement and grading, ten thousand dollars; paving, ten thousand dollars; sewer system, extensions, five thousand dollars; water system, extensions, five thousand dollars; machinery and tools for yards and docks shop, five thousand dollars; fire-protection system, ten thousand dollars; in all, navy-yard, New Orleans, ninety-five thousand dollars: *Provided*, That the appropriation of ten thousand dollars for quarters for commandant and two officers' quarters for fourteen thousand dollars, authorized under the naval appropriation Act for nineteen hundred and three, and two officers' quarters for ten thousand dollars, authorized under the naval appropriation Act for nineteen hundred and five, are hereby consolidated for four officers' quarters at the naval station, New Orleans, Louisiana.

NAVAL STATION, TUTUILA, SAMOAN ISLANDS: Lumber shed, five hundred dollars; boathouse, five hundred dollars; in all, naval station, Tutuila, one thousand dollars.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Repairs to existing buildings, twenty-five thousand dollars; drainage canal, to complete, twenty-five thousand dollars; water system, to extend, twenty thousand dollars; roads and bridges, five thousand dollars; sewer system, fifteen thousand dollars; tools for general use, two thousand dollars; hoisting machinery, four thousand dollars; rock crusher and appurtenances, four thousand dollars; in all, one hundred thousand dollars.

NAVAL STATION, ISLAND OF GUAM: Dredging, five thousand dollars; extension of naval-station roads, five thousand dollars; in all, ten thousand dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

Total public works, three million one hundred and thirty-nine thousand seven hundred dollars.

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements at the Naval

Academy, Annapolis, Maryland, as authorized by the Acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, eight hundred thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: To complete salt water fire pumping system, hose, and hose houses, two thousand dollars; to complete and repair roads to wireless telegraph station on hill, one thousand five hundred dollars; painting outside and inside of officers' quarters, and repairs, two thousand dollars; necessary work on road from Pensacola wharf to barracks, five thousand dollars; heating mains, four thousand five hundred dollars; in all, fifteen thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Extension of buildings, increase of heating and lighting plants to afford sufficient capacity for new barracks and lecture room, and enlarging and covering coal bin, forty thousand dollars; additional story to assembly, lecture, and reading room, completion of same in accordance with original plans, and furnishing of same, eleven thousand five hundred dollars; fire engine, with hose wagon, one thousand feet of hose, and small hose house, nine thousand dollars; furnishing the three double sets of officers' quarters, papering walls, oiling floors, supplying carpets and window shades, constructing roads and walks, and terracing, eleven thousand dollars; repairs to timber wharf and renewal of worn-out piling, two thousand dollars; feed cable for connecting the generating plant with officers' new quarters, one thousand dollars; in all, naval training station, Rhode Island, seventy-four thousand five hundred dollars.

NAVAL WAR COLLEGE, RHODE ISLAND, BUILDINGS: For furniture for officers' quarters in building numbered ten formerly belonging to training station, two thousand dollars; for alterations to main war college building to improve lecture room, provide more committee rooms and offices, new entrance in rear, and change main stairway, repairs to and painting of main building, repairs to electric installations, and providing new feeder from generator station, three thousand dollars; in all, five thousand dollars.

In all, public works, Bureau of Navigation, ninety-four thousand five hundred dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL MAGAZINE, NEW YORK HARBOR (IONA ISLAND): Steam fire pump, two thousand dollars; new roof for administration building and repairs to walls, two thousand dollars; in all, four thousand dollars.

NAVAL MAGAZINE, DOVER, NEW JERSEY: For naval powder depot, Lake Denmark, New Jersey: Cleaning, filling in, grading, and erecting fences on tract of seventy-eight acres acquired by purchase last year as a source of water supply for the reservation, six thousand dollars; standpipe, one hundred and eighty thousand gallons capacity, for fire protection, electric pump for filling same, and extension to pump house for its accommodation, eleven thousand eight hundr
dollars; thirteen small houses, each five by six feet,
hydrants for protection of hose kept for fire

six hundred dollars; new charging station and pipes for extension of supply of air for air locomotive, seven hundred and fifty dollars; retaining wall, fixed ammunition house numbered one, five hundred dollars; eco magneto watchman's clock system, to insure proper watch service, two thousand dollars. In all, naval magazine, Dover, Lake Denmark, New Jersey, twenty-two thousand six hundred and fifty dollars.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: Repairing telephone line from navy-yard, one thousand dollars; improvement of the fire system, water tower and tank, pumping machinery, sprinklers, additional pipes, valves, and relaying pipes, fifteen thousand dollars; two steel frame corrugated galvanized-iron filling houses, twenty by thirty feet each, at one thousand dollars, two thousand dollars; in all, eighteen thousand dollars.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Repairs to creek wharf and water front, three thousand dollars; magazines for experimental purposes, seven thousand dollars; repairs to nitric-acid factory, ten thousand dollars; for grading, draining, clearing brush, five thousand dollars; in all, naval proving ground, Indian Head, twenty-five thousand dollars.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: Fresh-water cistern of about sixty-five thousand gallons capacity, with pump and connections, one thousand five hundred and fifty dollars; rebuild sea wall west of pier, ten thousand dollars; renew cribwork and repair wharf, five thousand dollars; in all, sixteen thousand five hundred and fifty dollars.

Total public works under Bureau of Ordnance, eighty-six thousand two hundred dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: Grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Changing officers' quarters into wards for enlisted men, and building quarters for officers outside of naval hospital, twenty thousand dollars.

Total public works under Bureau of Medicine and Surgery, twenty thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene and department of instruction, and Naval Academy, two hundred and forty thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For expressage

on medical stores, tolls, ferriages, transportation of sick enlisted persons to hospital; transportation of insane patients; care, transportation, and burial of the dead; advertising, telegraphing, rent of telephones, purchase of books and stationery, binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations, surgeons' quarters at naval hospitals; washing for medical department at museum of hygiene and department of instruction, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships and rendezvous; and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses; in all, fifty thousand dollars.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until used, and applicable to past as well as future obligations.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty-five thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay corps, and chief boatswains, chief gunners, chief sailmakers, chief carpenters), and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval-hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including

naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, five million two hundred and twenty thousand dollars: *Provided*, That pay department stores may be sold to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For expressage, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, and other incidental expenses, one hundred and sixty thousand dollars.

Freight, Bureau of Supplies and Accounts: All freight charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Equipment, four hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply fund section, one thousand four hundred dollars; one cloth inspector, at four dollars per diem, one thousand two hundred and fifty-two dollars. In yard pay office: One writer, at one thousand and seventeen dollars and *twenty*-five cents; one messenger, at two dollars and twenty-five cents

per diem; in all, thirty-two thousand one hundred and seventy-three dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars;

Navy-yard, Mare Island, California: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at nine hundred and forty-two dollars each. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand and fifty-five dollars and seventy-five cents;

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two store men, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars;

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk one thousand four hundred dollars; two bookkeepers, at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars;

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars;

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and thirty-two dollars and twenty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy-yards, inspectors' offices, and bureaus, such as advertising, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, seven million eight hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship, when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner of a new ship of the same size and like material.

IMPROVEMENT OF CONSTRUCTION PLANTS: Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to, and improvements of, plant at navy-yard, Portsmouth, New Hampshire, fifteen thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to, and improvement of, plant at navy-yard, Boston, Massachusetts, twenty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to, and improvement of, plant at navy-yard, New York, New York, twenty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to, and improvement of, plant at navy-yard, League Island, Pennsylvania, fifteen thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to, and improvement of, plant at navy-yard, Norfolk, Virginia, twelve thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to, and improvement of, plant at navy-yard, Pensacola, Florida, fifteen thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to, and improvement of, plant at navy-yard, Mare Island, California, *fifteen thousand* dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to, and improvement of, plant at navy-yard, Puget Sound Navy-Yard, Washington, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three clerks, at one thousand two hundred dollars each; three clerks, at one thousand one hundred dollars each; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, eleven thousand three hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand two hundred and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Puget Sound Navy-Yard, Washington: One clerk to naval constructor, one thousand four hundred dollars; one clerk, at one thousand dollars; one clerk, at nine hundred dollars; in all, three thousand three hundred dollars;

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars;

Naval station, Cavite, Philippine Islands: One clerk to naval constructor, one thousand four hundred dollars; two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars; in all, three thousand eight hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, forty thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels, repair and care of machinery of yard tugs and launches, two million five hundred thousand dollars;

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, one million four hundred thousand dollars;

For incidental expenses for navy vessels, yards, and the Bureau, such as foreign postage, telegrams, advertising, expressage, photographing, books, stationery, office furnishings, and instruments, five thousand dollars;

In all, steam machinery, three million nine hundred and five thousand dollars.

Machinery plant, navy-yard, New York, New York: New and additional tools for copper, boiler, machine, and pattern shops and foundry, and for an additional portable tool house, and for a thirty-foot locomotive crane, forty thousand dollars.

Machinery plant, navy-yard, Pensacola, Florida: Tools for use in repair of naval vessels, to replace others worn out, fifteen thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars; in all, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by *this Act shall* be used in payment for such service.

That a line officer of the Navy may be detailed as assistant to the Chief of the Bureau of Steam Engineering in the Navy Department, and that such officer during such detail shall receive the highest pay of his grade, and in case of death, resignation, absence, or sickness of the Chief of the Bureau shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand dollars.

One professor of mathematics, one of chemistry, one of English, one of French, and one of Spanish, at two thousand five hundred dollars each.

Four professors, namely, one of English, one of French, one of drawing, and one of Spanish, at two thousand two hundred dollars each.

Three instructors, at two thousand dollars each.

Four instructors, at one thousand eight hundred dollars each.

Ten instructors, at one thousand five hundred dollars each.

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one assistant librarian, at one thousand dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the Superintendent, at one thousand two hundred dollars each; one clerk to the Superintendent, at one thousand dollars; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one writer to the commandant of midshipmen, at seven hundred and twenty dollars; one clerk to the paymaster, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, at nine hundred and fifty-one dollars and fifty-two cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the Superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; ten attendants at recitation rooms, library, store, chapel, armory, gymnasium, and offices, at three hundred dollars each; one bandmaster, at one thousand two hundred dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; one assistant instructor in gymnastics, one thousand dollars; one clerk to the

Superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; in all, ninety-eight thousand and forty-two dollars and fifty-two cents.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch, and weigher, at two dollars and fifty cents per diem; seven watchmen, at two dollars per diem each; foreman of steam heating works of the Academy, at five dollars per diem; labor at power house, for masons, carpenters, and other mechanics and laborers; and for care of buildings and grounds, wharves, and boats, fifty thousand dollars; in all, fifty-seven thousand eight hundred and forty-seven dollars and fifty cents.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics and others in department of steam engineering, fifteen thousand two hundred and eighty-five dollars and ninety-four cents.

Special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, thirty-one thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; and for heating and lighting the Academy and bandsmen's quarters, forty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase, binding and repair of books for the library and text books for the use of instructors (to be purchased in open market on the written order of the Superintendent), two thousand five hundred dollars; stationery, blank books, models and maps, two thousand five hundred dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, and for supplying necessary outfit for the Board house, and for clerk hire, carriages, and other incidental and necessary expenses of the Board, three thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics and for repairs of the same, two thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the Academy, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, sixty thousand dollars; stores in the departments of steam engineering, one thousand dollars; materials for repairs in steam machinery, one thousand five hundred dollars; for contingencies for the Superintendent of the Academy, to be expended in his discretion, one thousand dollars; apparatus for the instruction of midshipmen in the department of marine engineering and naval construction, thirty thousand dollars; in all, one hundred and three thousand five hundred dollars.

In all, Naval Academy, three hundred and forty-eight thousand six hundred and seventy-five dollars and ninety-six cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and forty-five thousand nine hundred dollars;

Pay of officers on the retired list: For one major-general, four colonels, four lieutenant-colonels, one adjutant and inspector, one quartermaster, one assistant quartermaster, two majors, nine captains, three first lieutenants, and four second lieutenants, seventy-seven thousand and eighty-five dollars;

Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders; including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good conduct medals, pins, or bars, and the following additional enlisted men, namely, ten first sergeants, sixty-seven sergeants, one hundred and forty-two corporals, ten drummers, ten trumpeters, and one thousand privates, one million five hundred and fifty thousand six hundred and twenty-eight dollars;

Pay and allowance of retired enlisted men: For two sergeants-major, one drum major, four gunnery sergeants, one quartermaster-sergeant, twelve first sergeants, thirty-four sergeants, seven corporals, eight first-class musicians, one drummer, one trumpeter, and forty-two privates, and for those who may be retired during the year, forty-two thousand dollars;

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, forty-six thousand dollars;

Mileage: For mileage to officers traveling under orders without troops, twenty-five thousand dollars;

For commutation of quarters of officers on duty without troops where there are no public quarters, thirteen thousand dollars;

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; two clerks, at one thousand two hundred dollars each; one draftsman, at one thousand six hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand

four hundred dollars each; two clerks, additional, for duty in the Philippines—one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars;

In all, for pay of civil force, twenty-eight thousand nine hundred and eleven dollars and twenty-eight cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

In all, pay Marine Corps, two million three hundred and twenty-eight thousand five hundred and twenty-four dollars and twenty-eight cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, five hundred and twelve thousand and eighty-seven dollars and fifty cents; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, five hundred and seven thousand three hundred and seventy dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, sixty-five thousand dollars.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates; cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the school of application; for the construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; for the establishment and maintenance of targets and ranges, and renting ranges, and for entrance fees in competitions; and for procuring, preserving, and handling ammunition, and other necessary military supplies, one hundred and eighty-five thousand dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For *transportation of troops*, including ferriage and the expense of the recruiting

service, one hundred and thirty-six thousand six hundred and twenty dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Narragansett Station, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal and Charleston, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington; and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Territory of Hawaii, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, sixty-six thousand three hundred and thirty-six dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the Quartermaster's Department, and the authorized number of officers' horses, seventeen thousand seven hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster and quartermaster, and the offices of the assistant adjutant and inspectors, the assistant paymasters, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, thirty-five thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, including the transportation of bodies from the place of demise to the homes of the deceased in the United States, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons, and medicines for public horses; purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades; purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves; laying drains,

water, and gas pipes; water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, two hundred and fifteen thousand dollars.

Total under quartermaster, Marine Corps, one million seven hundred and forty thousand eight hundred and sixty-one dollars and fifty cents.

Total Marine Corps, four million sixty-nine thousand three hundred and eighty-five dollars and seventy-eight cents.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: Completion of guardroom, prison, and amusement room for enlisted men, Washington, District of Columbia, twenty-five thousand dollars.

Water tower, rain-water cistern, pumps, and connections with local water service, navy-yard, Norfolk, Virginia, twenty-five thousand dollars.

Total public works under Marine Corps, fifty thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

Two first-class battle ships, carrying the heaviest armor and most powerful armament for vessels of their class upon a maximum trial displacement of not more than sixteen thousand tons; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars each.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than one of the vessels provided for in this Act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, *should it reasonably appear* that the persons, firms, or corporations,

or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the limit of cost, exclusive of armor and armament, of each of the scout cruisers authorized by the Act making appropriations for the Naval Service, approved April twenty-seventh, nineteen hundred and four, be one million nine hundred thousand dollars.

CONSTRUCTION AND MACHINERY: On account of the hulls, outfits, and machinery of vessels and steam machinery of vessels heretofore authorized, twenty-three million four hundred and ten thousand eight hundred and thirty-three dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, eighteen million dollars.

And provided further, That the Secretary of the Navy shall cause a thorough inquiry to be made as to the cost of armor plate and of armor plant, the report of which shall be made to Congress.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, eight hundred and forty-five thousand dollars.

Total increase of the Navy, forty-two million two hundred and fifty-five thousand eight hundred and thirty-three dollars.

Approved, March 3, 1905.

FIFTY-NINTH CONGRESS, FIRST SESSION, JUNE 29, 1906.

[PUBLIC No. 336.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and seven, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations, general storekeepers, receiving ships, and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, thirty-four thousand five hundred men; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement; and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year; and two thousand five hundred apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, twenty million two hundred and sixty-nine thousand six hundred and thirty-seven dollars: *Provided*, That the Secretary of the Navy may, in his discretion, require the whole or a part of the bounty allowed upon enlistment to be refunded in cases where men are discharged during the first year of enlistment, by request, for inaptitude, as undesirable, or for disability not incurred in line of duty.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining

boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones, copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage; tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred and fifty thousand dollars.

To reimburse officers and enlisted men of the Navy and Marine Corps who were on duty under orders in San Francisco during the recent fire in that city for losses of clothing and other personal effects sustained by them through said fire, seven thousand dollars, or so much thereof as may be necessary: *Provided*, That such reimbursement shall be made under regulations to be prescribed by the Secretary of the Navy and upon vouchers to be approved by him in each case.

That any officer of the Navy not above the grade of captain who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Navy, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Navy with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this Act shall not apply to any officer who received an advance of grade at or since the date of his retirement or who has been restored to the Navy and placed on the retired list by virtue of the provisions of a special Act of Congress.

That any officer of the Marine Corps below the grade of brigadier-general who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Marine Corps, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service, or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Marine Corps with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this Act shall not apply to any officer who received an advance of grade since the date of his retirement or who has been restored to the Marine Corps and placed on the retired list by virtue of the provisions of a special Act of Congress.

That the provision contained in section thirteen of an Act approved March third, eighteen hundred and ninety-nine, entitled "An Act to *reorganize* and increase the efficiency of the personnel of the Navy

and Marine Corps of the United States," reading as follows: "*Provided*, That such officers when on shore shall receive the allowances, but fifteen per centum less pay than when on sea duty; but this provision shall not apply to warrant officers commissioned under section twelve of this Act," be, and the same is hereby, repealed.

That all chaplains now in the Navy above the grade of lieutenant shall receive the pay and allowances of lieutenant-commander in the Navy according to length of service under the provisions of law for that rank, and all chaplains now in the Navy in the grade of lieutenant shall receive their present sea pay when on shore duty: *Provided*, That naval chaplains hereafter appointed shall have the rank, pay, and allowances of lieutenant (junior grade) in the Navy until they shall have completed seven years of service, when they shall have the rank, pay, and allowances of lieutenant in the Navy; and lieutenants shall be promoted, whenever vacancies occur, to the grade of lieutenant-commander, which shall consist of five numbers, and when so promoted shall receive the rank, pay, and allowances of lieutenant-commander in the Navy: *Provided further*, That nothing herein contained shall be held or construed to increase the number of chaplains as now authorized by law or to reduce the rank or pay of any now serving.

That from and after the passage of this Act the allowances of civil engineers and professors of mathematics in the Navy shall be the same as are or may be provided by or in pursuance of law for naval constructors, and the allowances of assistant civil engineers the same as for assistant naval constructors.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, sixty-five thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and seven.

The Solicitor in the office of the Judge-Advocate-General of the Navy shall hereafter receive an annual salary of four thousand dollars during the services of the present incumbent.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: For the transportation of enlisted men and apprentice seamen at home and abroad, with subsistence and transfers en route, or cash in lieu thereof, transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, three

hundred and eighty thousand dollars: *Provided*, That hereafter enlisted men, discharged on account of expiration of enlistment, shall receive in lieu of transportation and subsistence, travel allowance of four cents per mile from the place of discharge to the place of enlistment, for travel in the United States.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, one hundred and twenty-one thousand three hundred and forty dollars: *Provided*, That no part of this appropriation shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen, unless a certificate of birth or written evidence, other than his own statement, satisfactory to the recruiting officer, showing the applicant to be of age required by naval regulations, shall be presented with the application for enlistment.

Contingent: Advertising, telegraphing on public business, postage on letters sent abroad, ferriage, ice, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, fifteen thousand dollars.

GUNNERY EXERCISES: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation of men and equipment to and from ranges, one hundred and twenty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at forty-five dollars each, five hundred and sixty-seven thousand dollars: *Provided*, That hereafter the Secretary of the Navy may, in his discretion, require the whole or a part of the cost of outfits allowed upon enlistment to be refunded in cases where men are discharged during the first six months of enlistment for any cause other than disability incurred in line of duty.

MAINTENANCE OF COLLIERS: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, four hundred and fifty thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; *expressage*; packing boxes and materials; postage and telegraphing;

telephones, and all other contingent expenses; lectures and suitable entertainments for apprentice seamen, one thousand dollars; in all, fifty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses; lectures and suitable entertainments for apprentice seamen, one thousand dollars; in all, seventy-one thousand dollars.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care; repairs and improvements to grounds, buildings, and pier; street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire extinguishers; heating, lighting, and furniture; stationery, books, and periodicals; ice, and washing; expressage; packing boxes, and materials; postage, telegraphing, and telephoning, and all other contingent expenses, twenty thousand dollars.

For clerical force in the office of commandant as follows: One clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one draftsman, at one thousand five hundred dollars; one subinspector, at one thousand five hundred dollars; one foreman of laborers, at one thousand two hundred dollars; one messenger, at five hundred and forty dollars; in all, six thousand nine hundred and forty dollars. In all, naval training station, Great Lakes, twenty-six thousand nine hundred and forty dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, twelve thousand three hundred dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, one thousand dollars; services of civilian lecturers rendered at the War College, six hundred dollars; purchase of books of reference, four hundred dollars; one librarian, one thousand four hundred dollars per year; in all, sixteen thousand nine hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at four hundred and eighty dollars; one matron, at four hundred and twenty dollars; one beneficiaries' attendant, at two hundred and forty dollars; one chief cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one assistant cook, at one hundred and eighty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars;

eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred and forty dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, fourteen thousand one hundred and ten dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, eight hundred dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, and furniture, eight thousand dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, fifty thousand seven hundred and twenty-five dollars; total miscellaneous, sixty-three thousand one hundred and five dollars; in all, for Naval Home, seventy-seven thousand two hundred and fifteen dollars, which sum shall be paid out of the income from the naval pension fund: *Provided*, That for the performance of such additional services in and about the Naval Home as may be necessary, the Secretary of the Navy is authorized to employ, on the recommendation of the governor, beneficiaries in said home, whose compensation shall be fixed by the Secretary and paid from the appropriation for the support of the home.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory, and for target practice, three million five hundred thousand dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

Modernizing batteries Massachusetts, Oregon, and new guns and armor for New York, four hundred and sixty-six thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

Machine tools for ordnance machine shop, navy-yard, Boston, fifteen thousand dollars.

Navy-yard, Washington, District of Columbia, namely: New and improved machinery for existing shops, one hundred and fifty thousand

dollars; the fourth-fourth boilers and installation of same, completing the plant, fifty thousand dollars; in all, two hundred thousand dollars.

RESERVE POWDER AND SHELL: Toward the accumulation of a reserve supply of powder and shell, two million dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

RESERVE GUNS FOR SHIPS OF THE NAVY: Purchase and manufacture of reserve guns for ships of the Navy, seven hundred and fifty thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, sixty-five thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, fuel and clothing, and the printing or purchase of necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Advertising, cartage and express charges, expenses of light and water at magazines and stations; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one writer, at one thousand dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; two foremen of Gun Factory, at two thousand five hundred dollars each; one ordnance engineer and computing draftsman, for Gun Factory, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars 1; one assistant draftsman, at seven hundred and seventy-two do

two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, twenty-seven thousand one hundred and six dollars and seventy-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder factory, two thousand dollars;

Naval torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-seven thousand and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains, specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains and for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war, professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; service and supplies for coast-signal service; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except

range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus; three million dollars.

For the preparation of sites, furnishing and erecting masts, buildings, and machinery foundations for United States naval wireless telegraph stations on the Pacific coast in the States of Washington, Oregon, and California, to be limited to the purposes above named, sixty-five thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal and other fuel for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, and for the general maintenance of naval coaling depots and coaling plants, three million seven hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: Express charges on equipment stores; packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment of offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, eleven thousand dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and express charges on the same, seventy-five thousand dollars: *Provided*, That of the above sum not exceeding one thousand five hundred dollars may be expended by the Secretary of the Navy in procuring a survey and estimate of cost for a channel into Welles Harbor, Midway Islands.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of ropewalk, at two thousand dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one civil superintendent of chain shop, two thousand dollars; one civil superintendent of anchor shop, two thousand dollars; in all, eleven thousand eight hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-Yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor employment at said navy-yard, one thousand six hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Cavite, Philippine Islands: One master electrician, one thousand eight hundred and seventy-eight dollars; one clerk, one thousand dollars; in all, two thousand eight hundred and seventy-eight dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars;

In all, civil establishment, Bureau of Equipment, thirty-eight thousand and twenty-eight dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, and for pay of employees on leave, eight hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand four hundred dollars; one stenographer and typewriter, one thousand dollars; one writer, nine hundred dollars; one telegraph operator and clerk, nine hundred dollars; one draftsman, one thousand two hundred dollars; one master of tugs, one thousand two hundred dollars; in all, thirteen thousand seven hundred and thirty-three dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen *dollars and* twenty-five cents; one draftsman, at five dollars per diem;

one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; one stenographer and typewriter, at three dollars and twenty-eight cents per diem; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand and twenty-six dollars and sixty-one cents;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one time clerk, one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six dollars per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; one master of tugs, one thousand five hundred dollars; in all, twenty-three thousand one hundred and thirty-nine dollars and sixty-two cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-five dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; one foreman joiner, at four dollars per diem; one stenographer and typewriter, civil engineer's office, one thousand dollars; in all, twelve thousand four hundred and ten dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one time clerk, nine hundred dollars; in all, six thousand five hundred and eighty-nine dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; one foreman mechanic, at four dollars and twenty-four cents per diem, one thousand three hundred and twenty-two dollars and eighty-eight cents; one foreman of teams, at two dollars

twenty-four cents per diem, six hundred and ninety-eight dollars and eighty-eight cents; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one stenographer and typewriter, civil engineer's office, one thousand two hundred dollars; in all, sixteen thousand six hundred dollars and thirteen cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one electrician, at one thousand four hundred dollars; one draftsman, at four dollars per diem, one thousand two hundred and forty-eight dollars; one foreman laborer, at three dollars and fifty-two cents per diem, one thousand and ninety-eight dollars and twenty-four cents; one stenographer, typewriter, and telegraph operator, at three dollars and four cents per diem, nine hundred and forty-eight dollars and forty-eight cents; one writer, at two dollars and eighty cents per diem, eight hundred and seventy-three dollars and sixty cents; in all, seven thousand four hundred and ninety-eight dollars and thirty-two cents;

Naval station, Port Royal, South Carolina: One messenger and janitor, one dollar and fifty cents per diem; one telegraph operator, including Sundays, two dollars per diem; in all, one thousand one hundred and ninety-eight dollars;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars; one clerk, at one thousand four hundred dollars; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; in all, two thousand six hundred and forty-two dollars and forty cents;

Navy-yard, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one stenographer and typewriter, civil engineer's office, at nine hundred and fifty dollars; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; one foreman laborer, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; one messenger, commandant's office, at two dollars per diem, including Sundays, seven hundred and thirty dollars; in all, seven thousand seven hundred and ninety-three dollars and fifty cents;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one foreman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; one clerk in civil engineer's office, at one thousand dollars; in all, fifteen thousand two hundred and sixty-five dollars and thirty-three cents;

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred

dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, at nine hundred dollars; one stenographer and typewriter, civil engineer's office, at one thousand dollars; one writer, at nine hundred dollars; one messenger, at one dollar and seventy-six cents per diem, five hundred and forty-nine dollars and twelve cents; one foreman carpenter, at four dollars and fifty cents per diem, one thousand four hundred and four dollars; in all, eleven thousand four hundred and fifty-five dollars and fifty-two cents;

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; one foreman, one thousand one hundred dollars; in all, three thousand six hundred and eighty dollars;

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-seven dollars and twenty-five cents;

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; one clerk, commandant's office, seven hundred and twenty dollars; one messenger, commandant's office, one hundred and eighty dollars; in all, three thousand three hundred and sixty dollars;

Naval station, Guam: One clerk, one thousand six hundred dollars; one foreman machinist, one thousand six hundred dollars; one messenger and janitor, six hundred dollars; in all, three thousand eight hundred dollars;

In all, civil establishment, Bureau of Yards and Docks, one hundred and forty-three thousand three hundred and three dollars and ninety-three cents, and no other fund appropriated by this Act shall be used in payment for such service.

That the Chief of the Bureau of Yards and Docks shall be selected from the members of the Corps of Civil Engineers of the Navy having not less than seven years' active service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, three thousand dollars; sewer system, extension, three thousand dollars; quay walls, to extend, forty thousand dollars; grading, to continue, fifteen thousand dollars; central power house, extension, thirty-five thousand dollars; central power plant, extension (to cost one hundred and twenty thousand dollars), sixty thousand dollars; central heating plant, extension, eight thousand dollars; water system, extension, five thousand dollars; workmen's landing near reservoir, one thousand dollars; shelves, racks, and fittings for storehouse numbered eighty-six, five thousand dollars; boiler shop for steam engineering, to complete, seventy-five thousand dollars; in all, two hundred and fifty thousand dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Paving, to continue, twenty thousand dollars; dredging, twenty thousand dollars; underground conduit, ten thousand dollars; power house, extension, thirty-nine

thousand dollars; refuse kiln, five thousand three hundred dollars; paint room, building numbered seventy-seven, seven hundred and fifty dollars; in all, navy-yard, Boston, ninety-five thousand and fifty dollars.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, three thousand dollars; railroad system, extensions, eight thousand dollars; electric plant, extensions, fifty thousand dollars; railroad equipment, additional, five thousand dollars; underground conduits, extensions, five thousand dollars; heating system, extensions, thirty thousand dollars; extension salt water suction and discharge pipes to power house, nine thousand dollars; street-cleaning equipment, three thousand dollars; lean-to for building numbered twenty, three thousand dollars; lean-to for building numbered one hundred and thirty-one, ten thousand dollars; disinfecting plant, two thousand five hundred dollars; in all, navy-yard, New York, New York, one hundred and twenty-eight thousand five hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, ten thousand dollars; sewer system, extensions, five thousand dollars; dredging and filling in Delaware water front, to continue, fifteen thousand dollars; fire-protection system, extensions, five thousand dollars; extension of reserve basin, to continue dredging, fifty thousand dollars; building for bathing, examination of recruits, and disinfection of clothing, ten thousand dollars; electric capstan for dry dock numbered one, three thousand dollars; central heating system, ten thousand dollars; in all, navy-yard, League Island, one hundred and eight thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, five thousand dollars; underground conduit system, to extend, five thousand dollars; railroad system, to extend, five thousand dollars; heating system, extension, five thousand dollars; water system, to extend, ten thousand dollars; yard wall, to complete, twenty thousand dollars; extension and improvements, telephone and fire-alarm systems, three thousand dollars; extension of gas plant, ten thousand dollars; purchase of land west of yard, to complete, two hundred dollars; in all, navy-yard, Washington, sixty-three thousand two hundred dollars.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to continue, two hundred and fifty thousand dollars; grading and paving, five thousand dollars; railroad system, extensions, five thousand dollars; water system, extension, five thousand dollars; piers and slips, thirty-three thousand dollars; dredging, ten thousand dollars; underground conduit system, five thousand dollars; sewer system, extension, twelve thousand dollars; interior fittings, machine shop for construction and repair, eighteen thousand dollars; foundry and copper shop, to complete, fifty-eight thousand dollars; interior fittings, equipment building, eight thousand five hundred dollars; quay wall at dry dock entrance, forty thousand dollars; dry dock latrines, three thousand dollars; one officers' quarters, seven thousand dollars; dispensary building, twelve thousand dollars; in all, navy-yard, Charleston, South Carolina, four hundred and seventy-one thousand five hundred dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Dredging, to continue, five thousand dollars; paving and grading, additional, two thousand five hundred dollars; fire-protection system, extensions, five thousand dollars;

railroad tracks, extensions, five thousand dollars; improvements to building numbered sixteen, five thousand dollars; bollards and capstans for dry docks, five thousand dollars; improvements to forty-ton locomotive crane, two thousand dollars; concrete and granite dry dock, three hundred and fifty thousand dollars; repairs, buildings at Saint Helena, twenty-five thousand dollars; stable, marine barracks, five thousand dollars; in all, navy-yard, Norfolk, Virginia, four hundred and nine thousand five hundred dollars.

NAVAL STATION, KEY WEST, FLORIDA: Dredging and filling in, thirty thousand dollars; to complete two officers' quarters, one thousand two hundred dollars; marine railway, to complete, five thousand dollars; sewer system, three thousand dollars; in all, navy-yard, Key West, Florida, thirty-nine thousand two hundred dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollars; electric-plant system, extension, five thousand dollars; improvement of channel in Mare Island Strait, to complete, one hundred thousand dollars; sewer system, extensions, three thousand dollars; paving and grading, to continue, five thousand dollars; heating system, extension, five thousand dollars; improvements to building numbered one hundred and sixty-five, four thousand dollars; improvements and repairs, steam engineering, buildings, fifteen thousand dollars; bridge between buildings forty-five and sixty-five, one thousand dollars; in all, navy-yard, Mare Island, one hundred and forty-three thousand dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, three thousand dollars; to continue grading, ten thousand dollars; electric-light plant, extensions, five thousand dollars; water system, extensions, two thousand five hundred dollars; heating system, extensions, four thousand dollars; dredging, to continue, ten thousand dollars; roads and walks, extensions, two thousand five hundred dollars; stone and concrete dry dock (to cost one million two hundred and fifty thousand dollars), one hundred thousand dollars; smithery for construction and repair, to complete, four thousand dollars; telephone system, extensions, one thousand five hundred dollars; central power plant, sixty thousand dollars; water-closet for ships in dock, two thousand five hundred dollars; in all, navy-yard, Puget Sound, Washington, two hundred and five thousand dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Water system, five thousand dollars; sewer system, ten thousand dollars; conduits and conductors for distribution of power, five thousand dollars; crib for wooden floating dry dock, twenty thousand dollars; in all, navy-yard, Pensacola, forty thousand dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, forty thousand dollars; levee improvement and grading, ten thousand dollars; machinery and tools for yards and docks shop, three thousand dollars; central electric light and power plant, to complete, fifty thousand dollars; rebuilding cross wharf, ten thousand dollars; strengthening approaches to floating dock, nine thousand five hundred dollars; railroad system, five thousand dollars; underground conduit system, five thousand dollars; drainage system, eight thousand dollars; sawmill, boat shop, and storage for construction and repair, sixty thousand dollars; toward the construction of street around naval station in lieu of Patterson street, fifteen thousand dollars; in all, navy-yard, New Orleans, two hundred and fifteen thousand five hundred dollars.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Purchase and installation of tools and machinery, one hundred thousand dollars; wharf for floating dry dock, sixty-five thousand dollars; extension of drainage canal, twenty-five thousand dollars; steam floating derrick, seventeen thousand dollars; in all, two hundred and seven thousand dollars.

NAVAL STATION, ISLAND OF GUAM: Dredging, five thousand dollars; extension of naval-station roads, five thousand dollars; artesian well, two thousand dollars; in all, twelve thousand dollars.

NAVAL STATION, HAWAII: For the reclamation of that portion of the naval station at Honolulu, Hawaii, known as the Reef, from materials now being dredged from the harbor at Honolulu, and for the necessary dikes or retaining walls, thirty-five thousand dollars, or so much thereof as may be necessary.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

Total public works, navy-yards and stations, two million nine hundred and fifty-two thousand four hundred and fifty dollars.

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements at the Naval Academy, Annapolis, Maryland, as authorized by the Acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, seven hundred and fifty thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: New power plant, with wharf and fuel storage, thirty-nine thousand two hundred and fifty dollars; gymnasium, three thousand five hundred dollars; laundry shed, two thousand dollars; repairs to barracks, twenty-two thousand dollars; roads and grounds, three thousand dollars; in all, sixty-nine thousand seven hundred and fifty dollars.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to barracks "B," fifteen thousand dollars; salt-water pumping system, sixteen thousand dollars; artesian well and water system, seventeen thousand seven hundred dollars; underground conduit system, three thousand two hundred dollars; garbage incinerating plant, nine thousand dollars; improving and grading grounds, roadways, paths, and drains, and filling stagnant basins, five thousand dollars; sewerage system, extension, two thousand seven hundred and fifty dollars; in all, naval training station, Rhode Island, sixty-eight thousand six hundred and fifty dollars.

NAVAL WAR COLLEGE, RHODE ISLAND, BUILDINGS: For additional book stacks, cases, and racks for the storage and preservation of books, maps, and records, one thousand two hundred dollars.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: Toward the construction of buildings at the naval training station, Great Lakes, seven hundred and fifty thousand dollars: *Provided*, That before any

part of this sum is expended complete plans shall be prepared and approved by the Secretary of the Navy covering the contemplated new buildings at the naval training station, Great Lakes, which plans shall involve a total expenditure of not more than two million dollars: *And provided further*, That the Secretary of the Navy shall pay a fair and reasonable price for the plans herein provided for, in no event to exceed three and one-half per centum of the estimated cost of the improvements, and thereafter no money shall be expended or obligation incurred for architects except that the Secretary of the Navy is hereby authorized to employ in his discretion a consulting architect at a compensation not exceeding five thousand dollars per annum.

In all, public works, Bureau of Navigation, eight hundred and eighty-nine thousand six hundred dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL MAGAZINE, DOVER, NEW JERSEY: One brick building to be used for drying smokeless powder, four thousand five hundred dollars; electric lights and feed wires for magazines numbered four and five, six hundred dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, five thousand one hundred dollars.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One galvanized-iron storehouse, twenty-five thousand dollars; in all, twenty-five thousand dollars.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Telephones to range station, three thousand five hundred dollars; purchase and installation of six boiling tubs, one thousand two hundred dollars; extending pulping house, and altering installation of poachers, two thousand five hundred dollars; subdivision of trolley system for fire service, three thousand five hundred dollars; additional magazines, six thousand dollars; extension of railroad system, three thousand dollars; in all, naval proving ground, Indian Head, nineteen thousand seven hundred dollars.

Naval magazine, Fort Mifflin, Pennsylvania: Extension of fire service, three thousand dollars; completion of sea wall south of wharf, three thousand dollars; in all, six thousand dollars.

Naval magazine, New England coast: Toward securing the land and the erection of the necessary buildings on ground, the purchase of which is now under negotiation, as authorized by the Act approved April twenty-seventh, nineteen hundred and four, for a new naval magazine on the New England coast; also toward inclosing said grounds, grading and filling in, building roads and walks, improvement of the water front, necessary wharves and cranes, railroad tracks, and rolling stock for local service, fire and water service, and equipment of the establishment, including the service of such additional expert aids, surveyors, architects, superintendents of construction, or draftsmen, as may be necessary for the preparation of the plans and specifications and prosecution of the work to an extent not to exceed fifteen thousand dollars, two hundred thousand dollars: *Provided*, That when the naval magazine on or near the New England coast provided for by an Act of Congress approved April twenty-seventh, nineteen hundred and four, is completed, the Secretary of the

Navy shall discontinue the present magazine in the city of Chelsea, Massachusetts, and sell such portion of the magazine and naval hospital grounds in said city of Chelsea as is undesirable for hospital purposes at public auction or private sale, upon such terms and conditions as shall be satisfactory to him, and the money derived from such sale shall be applied to remodeling and modernizing the hospital buildings now on said hospital grounds, and the balance of said money, if there be any after said remodeling and modernization, shall be placed to the credit of the hospital fund of the Navy.

Naval magazine, Fort Lafayette, New York: Necessary improvements to dock and sea wall, two thousand dollars.

Naval magazine, Mare Island, California: One magazine building, thirty by eighty feet, seven thousand dollars; extension of building "A5" fifty feet, three thousand one hundred dollars; extension of primer house twenty by twenty feet, one thousand two hundred dollars; in all, eleven thousand three hundred dollars.

Naval magazine, Pensacola, Florida: Standpipe, with pump and necessary piping for connection with present magazine and shell houses, five thousand dollars.

Torpedo station, Newport, Rhode Island: Repairs to sea wall, five thousand three hundred dollars; extension of compressor room, one thousand one hundred dollars; extension of tinsmith shop, one thousand eight hundred dollars; new paint shop, one thousand two hundred dollars; in all, nine thousand four hundred dollars.

Total public works under Bureau of Ordnance, two hundred and eighty-three thousand five hundred dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Naval hospital, Yokohama, Japan: For purchase of land adjoining present hospital grounds, five thousand dollars.

Naval hospital, Newport, Rhode Island: Changing officers' quarters into wards for enlisted men, and building quarters for all officers outside of naval hospital, twenty thousand dollars, not more than fifteen thousand dollars of which shall be spent for all officers' quarters.

Naval hospital, Norfolk, Virginia: For the renovation of the present hospital buildings and the erection of new wards, to cost not to exceed two hundred thousand dollars, one hundred thousand dollars.

Naval hospital, Canacao, Philippine Islands: For boring an artesian well, and for necessary machinery and appurtenances, seven thousand dollars.

Naval hospital, Mare Island, California: For a surgical-ward building for operating room and surgical cases, twelve thousand dollars; for a new building for infectious diseases, eight thousand dollars; and for a new power house, five thousand dollars; in all, twenty-five thousand dollars.

Total public works under Bureau of Medicine and Surgery, one hundred and fifty-seven thousand dollars.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: Erection and equipment of two laundries for enlisted men, marine barracks, twelve thousand dollars;

For the completion of marine barracks on the Schmoele tract of land at the Norfolk Navy-Yard, in the State of Virginia, including plumbing, interior woodwork, painting, grading, and proper connections with the local waterworks, fifteen thousand dollars; for the construction of two additional sets of officers' quarters, Norfolk Navy-Yard, twenty-four thousand dollars; in all, Norfolk Navy-Yard, thirty-nine thousand dollars;

For the erection of marine barracks and officers' quarters, naval station, New Orleans, Louisiana, fifteen thousand dollars, which sum shall be in addition to fifteen thousand dollars appropriated for this object in the naval appropriation Act approved March third, nineteen hundred and one, and six thousand five hundred dollars provided in the naval appropriation Act approved April twenty-seventh, nineteen hundred and four;

For the erection of marine barracks and completion of officers' quarters, marine barracks, naval training station, San Francisco, California, fifteen thousand dollars;

For the necessary repairs and improvements to such buildings at the naval station, New London, Connecticut, as have been assigned to the Marine Corps by the Navy Department, twenty-five thousand dollars;

For the purchase of land adjoining marine reservation, naval station, Sitka, Alaska, four hundred dollars;

In all, public works, Marine Corps, one hundred and six thousand four hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and department of instruction, and Naval Academy, two hundred and fifty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For expressage on medical stores, tolls, ferriages, care, transportation, and burial of the dead; advertising, telegraphing, rent of telephones, purchase of books, and stationery, binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations, surgeons' quarters at naval hospitals; washing for medical department

at museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships and rendezvous; and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses; in all, fifty-five thousand dollars.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until used, and applicable to past as well as future obligations.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty-five thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay corps, and chief boatswains, chief gunners, chief sailmakers, chief carpenters), and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, five million two hundred and twenty thousand dollars: *Provided*, That pay department stores may be sold to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe.

Provided, That sections fifteen hundred and eighty and fifteen hundred and eighty-one, Revised Statutes, be amended to read as follows:

"SEC. 1580. The navy ration shall consist of the following daily allowance of provisions to each person: One pound and a quarter of salt or smoked meat, with three ounces of dried or six ounces of canned or preserved fruit, and three gills of beans or pease, or twelve ounces of

flour; or one pound of preserved meat, with three ounces of dried or six ounces of canned or preserved fruit and eight ounces of rice or twelve ounces of canned vegetables, or six ounces of desiccated vegetables; together with one pound of biscuit, two ounces of butter, four ounces of sugar, two ounces of coffee or cocoa, or one-half ounce of tea and one ounce of condensed milk or evaporated cream; and a weekly allowance of one-quarter pound of macaroni, four ounces of cheese, four ounces of tomatoes, one-half pint of vinegar or sauce, one-quarter pint of pickles, one-quarter pint of molasses, four ounces of salt, one-half ounce of pepper, one-eighth ounce of spices, and one-half ounce of dry mustard. Seven pounds of lard, or a suitable substitute, shall be allowed for every hundred pounds of flour issued as bread, and such quantities of yeast and flavoring extracts as may be necessary.

"SEC. 1581. The following substitution for the components of the ration may be made when deemed necessary by the senior officer present in command: 'For one and one-quarter pounds of salt or smoked meat or one pound of preserved meat, one and three-quarter pounds of fresh meat or fresh fish, or eight eggs; in lieu of the articles usually issued with salt, smoked or preserved meat, one and three-quarter pounds of fresh vegetables; for one pound of biscuit, one and one-quarter pounds of soft bread or eighteen ounces of flour; for three gills of beans or pease, twelve ounces of flour or eight ounces of rice or other starch food, or twelve ounces of canned vegetables; for one pound of condensed milk or evaporated cream, one quart of fresh milk; for three ounces of dried or six ounces of canned or preserved fruit, nine ounces of fresh fruit; and for twelve ounces of flour or eight ounces of rice or other starch food, or twelve ounces of canned vegetables, three gills of beans or pease; in lieu of the weekly allowance of one-quarter pound of macaroni, four ounces of cheese, one-half pint of vinegar or sauce, one-quarter pint of pickles, one-quarter pint of molasses, and one-eighth ounce of spices, three pounds of sugar, or one and a half pounds of condensed milk, or one pound of coffee, or one and a half pounds of canned fruit, or four pounds of fresh vegetables, or four pounds of flour.

" 'An extra allowance of one ounce of coffee or cocoa, two ounces of sugar, four ounces of hard bread or its equivalent, and four ounces of preserved meat or its equivalent shall be allowed to enlisted men of the engineer and dynamo force who stand night watches between eight o'clock postmeridian and eight o'clock antemeridian, under steam.' "

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For expressage, fuel, books and blanks, stationery, advertising, furniture for general storehouses and pay offices in navy-yards; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, and other incidental expenses, one hundred and sixty thousand dollars.

Freight, Bureau of Supplies and Accounts: All freight charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Equipment, four hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at

one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply fund section, one thousand four hundred dollars; one cloth inspector, at four dollars per diem, one thousand two hundred and fifty-two dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand one hundred and seventy-three dollars and three cents;

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents;

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents;

Naval station, Newport, Rhode Island: In general storehouse (*training station*): One clerk, at one thousand two hundred dollars. In

general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars;

Navy-yard, Mare Island, California: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents;

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at nine hundred and forty-two dollars each. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand and fifty-five dollars and seventy-five cents;

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars; one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two store men, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars;

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk, one thousand four hundred dollars; two bookkeepers, at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars;

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars;

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and thirty-two dollars and twenty-eight cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy-yards, inspectors' offices, and

bureau, such as advertising, foreign postage, telegrams, telephone service, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, seven million six hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship, when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided, however*, That of the above sum one hundred thousand dollars, or such portion thereof as may be necessary, shall be used to repair, equip, and restore the frigate Constitution, as far as may be practicable, to her original condition, but not for active service: *And provided further*, That the sum of three hundred thousand dollars from the unexpended balance under appropriations "Construction and repair of vessels" for the fiscal year ending June thirtieth, nineteen hundred and four, is hereby reappropriated for "Construction and repair of vessels" for the fiscal year ending June thirtieth, nineteen hundred and seven.

IMPROVEMENT OF CONSTRUCTION PLANTS: Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to, and improvements of, plant at navy-yard, Portsmouth, New Hampshire, fifteen thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to, and improvement of, plant at navy-yard, Boston, Massachusetts, twenty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to, and improvement of, plant at navy-yard, New York, New York, twenty thousand dollars.

Construction plant, navy-yard, League Island, Pennsylvania: Repairs to, and improvement of, plant at navy-yard, League Island, Pennsylvania, fifteen thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to, and improvement of, plant at navy-yard, Norfolk, Virginia, twelve thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to, and improvement of, plant at navy-yard, Pensacola, Florida, fifteen thousand dollars.

Construction plant, naval station, New Orleans, Louisiana: For repairs to, and improvement of, plant at naval station, New Orleans, Louisiana, ten thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to, and improvement of, plant at navy-yard, Mare Island, California, fifteen thousand dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to, and improvement of, plant at navy-yard, Puget Sound, Washington, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three clerks, at one thousand two hundred dollars each; three clerks, at one thousand one hundred dollars each; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, eleven thousand three hundred and fifty-one dollars and seventy-five cents;

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars;

Navy-yard, Pensacola, Florida: One clerk to naval constructor, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand two hundred and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Puget Sound, Washington: One clerk to naval constructor, one thousand four hundred dollars; one clerk, at one thousand dollars; one clerk, at nine hundred dollars; in all, three thousand three hundred dollars;

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars;

Naval station, Cavite, Philippine Islands: One clerk to naval constructor, one thousand four hundred dollars; two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars; in all, three thousand eight hundred dollars;

In all, civil establishment, Bureau of Construction and Repair, forty thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels; repair and care of machinery of yard tugs and launches; three million five hundred thousand dollars;

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two million dollars;

For incidental expenses for navy vessels, yards, and the Bureau,

such as foreign postage, telegrams, advertising, expressage, photographing, books, stationery, office furnishings, and instruments, five thousand dollars;

In all, steam machinery, five million five hundred and five thousand dollars.

Machinery plant, navy-yard, Pensacola, Florida: For purchase of modern tools for use in repair of naval vessels, to replace others worn out, ten thousand dollars.

Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, with new power tools, and to replace obsolete and worn-out machine tools, fifty thousand dollars; to outfit boiler shop, now building, with cranes, annealing furnace, machine and hand tools, motors and fixtures, sixty thousand dollars; in all, one hundred and ten thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: For machine tools to equip machine and boiler shop extension, twenty-five thousand dollars.

Machinery plant, naval station, New Orleans, Louisiana: For additional machine tools to complete the equipment of shops authorized and nearing completion, twenty-five thousand dollars.

Machinery plant, navy-yard, Charleston, South Carolina: Toward equipment of shops already authorized, fifty thousand dollars.

Engineering experimental station, United States Naval Academy, Annapolis, Maryland—Salaries: One draftsman to engineering staff at the laboratory, one thousand eight hundred dollars; one clerk to engineering staff at the laboratory, one thousand two hundred dollars; one skilled mechanic, one thousand two hundred dollars; one skilled mechanic, seven hundred and twenty dollars; one messenger, who shall also be janitor, six hundred dollars; in all, five thousand five hundred and twenty dollars.

Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars; in all, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Naval station, Port Royal, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand dollars;

One professor of mathematics, one of chemistry, one of English, one of French, and one of Spanish, at two thousand five hundred dollars each;

Four professors, namely, one of English, one of French, one of drawing, and one of Spanish, at two thousand two hundred dollars each;

Three instructors, at two thousand dollars each;

Four instructors, at one thousand eight hundred dollars each;

Ten instructors, at one thousand five hundred dollars each;

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one assistant librarian, at one thousand dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the superintendent, at one thousand two hundred dollars each; one clerk to the superintendent, at one thousand dollars; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one writer to the commandant of midshipmen, at seven hundred and twenty dollars; one clerk to the paymaster, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, at nine hundred and fifty-one dollars and fifty-two cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; one quarter gunner, at four hundred and sixty-nine dollars and fifty cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; one attendant in the department of navigation and one in the department of physics, at three hundred dollars each; sixteen attendants at recitation rooms, library, store, chapel, armory, gymnasium, and offices, at three hundred dollars each; one bandmaster, at one thousand two hundred dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians,

three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; one assistant instructor in gymnastics, one thousand dollars; one clerk to the superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; two instructors in physical training, at one thousand five hundred dollars each; one clerk to the commandant of midshipmen, one thousand dollars; one electrical machinist in department of physics, one thousand dollars; two seamen in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents each; one chief cook, one thousand two hundred dollars; two cooks, at six hundred dollars each, one thousand two hundred dollars; one steward, one thousand two hundred dollars; one assistant steward, six hundred dollars; one head waiter, seven hundred and twenty dollars; two assistant head waiters, at four hundred and eighty dollars each, nine hundred and sixty dollars; two pantry men, at four hundred and twenty dollars each, eight hundred and forty dollars; one assistant baker, four hundred and twenty dollars; necessary waiters, at sixteen dollars per month each, thirteen thousand four hundred and forty dollars; in all, one hundred and twenty-six thousand two hundred and seventeen dollars and fifty-two cents.

No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch, and weigher, at two dollars and fifty cents per diem; seven watchmen, at two dollars per diem each; foreman of steam heating works of the academy, at five dollars per diem; labor at power house for masons, carpenters, and other mechanics, laborers, and attendants; and for care of buildings and grounds, wharves, and boats, sixty-seven thousand one hundred and fifty-three dollars; in all, seventy-five thousand dollars.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics, attendants, and others in department of steam engineering, twenty thousand three hundred and forty-three dollars and six cents.

Special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, twenty thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; and for heating and lighting the academy and bandsmen's quarters, forty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase, binding, and repair of books for the library and text-books for the use of instructors (to be purchased in open market on the written order of the superintendent), two thousand five hundred dollars; stationery, blank books, models, and maps, two thousand five hundred dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the academy, and for supplying necessary outfit for the Board house, and

for clerk hire, carriages, and other incidental and necessary expenses of the Board, two thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics and for repairs of the same, three thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the academy, commutation of rent for bandsmen, at eight dollars per month each, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, sixty thousand dollars; stores in the departments of steam engineering, one thousand dollars; materials for repairs in steam machinery, one thousand five hundred dollars; for contingencies for the superintendent of the academy, to be expended in his discretion, two thousand dollars; apparatus for the instruction of midshipmen in the department of marine engineering and naval construction, thirty thousand dollars; in all, one hundred and four thousand five hundred dollars.

In all, Naval Academy, three hundred and eighty-nine thousand and sixty dollars and fifty-eight cents.

Hereafter the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, Congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, Congressional district, or Territory in which the vacancy will exist and of the legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives, or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all the candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

That the President be authorized to appoint, by and with the advice and consent of the Senate, two additional professors of mathematics in the Navy, who shall be extra numbers in said list, and who shall take

rank therein according to that held by them respectively when so appointed, if such appointees are officers of the Navy, otherwise at the foot of said list.

That all records (such as muster and pay rolls and reports) relating to the personnel and operations of public and private armed vessels of the North American colonies in the war of the Revolution now in any of the Executive Departments shall be transferred to the Secretary of the Navy, to be preserved, indexed, and prepared for publication.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and seventy-six thousand one hundred and eighty dollars.

For pay of officers prescribed by law, on the retired list: For one major-general commandant, six brigadier-generals, four colonels, five lieutenant-colonels, one major and adjutant and inspector, two majors, nine captains, five first lieutenants, and five second lieutenants, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, one hundred and fifteen thousand dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good-conduct medals, pins, or bars, and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore, one million eight hundred and eighty-three thousand five hundred and fifty-five dollars and twenty cents.

Pay and allowance of retired enlisted men: For two sergeant-majors, one drum-major, four gunnery-sergeants, nine quartermaster-sergeants, nine first sergeants, thirty-one sergeants, five corporals, twelve musicians, one fifer, and thirty privates, and for those who may be retired during the fiscal year, fifty thousand dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, seventy-seven thousand six hundred and thirty dollars.

Deposits: For interest on soldiers' deposits, three thousand dollars, and so much as may be necessary to refund such deposits: *Provided*, That hereafter enlisted men of the Marine Corps shall be entitled to deposit their savings with the United States, through any paymaster, in the same manner and under the same conditions as is now or may hereafter be provided for the enlisted men of the Navy: *Provided, however*, That the sums so deposited shall pass to the credit of the appropriation for pay of the Marine Corps.

Mileage: For mileage to officers traveling under orders without troops, thirty thousand dollars;

For commutation of quarters of officers on duty without troops where there are no public quarters, fifteen thousand dollars;

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one

clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of the assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; two clerks, at one thousand two hundred dollars each; one draftsman, at one thousand six hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand four hundred dollars each; two clerks, for duty in the Philippines—one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars;

In all, for pay of civil force, twenty-eight thousand nine hundred and eleven dollars and twenty-eight cents, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

In all, pay Marine Corps, two million seven hundred and seventy-nine thousand two hundred and seventy-six dollars and forty-eight cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for subsistence of enlisted men when traveling on duty, or cash in lieu thereof, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, five hundred and forty-eight thousand five hundred and three dollars; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, five hundred and seventy-five thousand nine hundred and twenty dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, and for hot-air closets, seventy thousand dollars.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the School of Application; for the construction, equipment and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; for the establishment and maintenance of targets and ranges, and renting ranges, and for entrance fees in competitions; and for procuring, preserving, and handling ammunition, and other necessary military supplies, two hundred thousand dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage and transfers en route, or cash in lieu thereof, and the expense of the recruiting service, one hundred and fifty-six thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Narragansett Station, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal and Charleston, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington, and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Territory of Hawaii, the Philippine Islands, at Guam, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, sixty-six thousand three hundred and thirty-six dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the Quartermaster's Department, and the authorized number of officers' horses, seventeen thousand seven hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster and quartermaster, and the offices of the assistant adjutant and inspectors, the assistant paymasters, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, thirty-five thousand seven hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, including the transportation of *bodies from* the place of demise to the homes of the deceased in the

United States, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons, and medicines for public horses; purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades; purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves, and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds, repair of pumps and wharves; laying drain, water, and gas pipes; water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, two hundred and fifty-five thousand eight hundred dollars.

Total under quartermaster, Marine Corps, one million nine hundred and twenty-six thousand and seven dollars.

Total Marine Corps, four million seven hundred and five thousand two hundred and eighty-three dollars and forty-eight cents.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

One first-class battle ship, carrying as heavy armor and as powerful armament as any known vessel of its class, to have the highest practicable speed and greatest practicable radius of action, and to cost, exclusive of armament and armor, not exceeding six million dollars: *Provided*, That before approving any plans or specifications for the construction of such battle ship the Secretary of the Navy shall afford, by advertisement or otherwise, in his discretion, a reasonable opportunity to any competent constructor who may desire so to do, to submit plans and specifications for his consideration, for which said plans, should the same be used by the Department and be not submitted by or on behalf of a successful bidder for the contract, such compensation shall be paid as the Secretary of the Navy shall deem just and equitable out of the amount herein appropriated under the head "Contingent, Navy": *Provided*, That before any proposals for said battle ship shall be issued or any bids received and accepted the Secretary of the Navy shall report to Congress at its next session full details covering the

type of such battle ship and the specifications for the same, including its displacement, draft, and dimensions, and the kind and extent of armor and armament therefor.

Three torpedo-boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed seven hundred and fifty thousand dollars each.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery: *Provided*, That any bid for the construction of any of said vessels upon the Pacific coast shall have a differential of four per centum in its favor, which shall be considered by the Secretary of the Navy in awarding contracts for the construction of said vessels; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than one of the vessels provided for in this Act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the limit of cost, exclusive of armor and armament, of the battle ship Connecticut, authorized by the Act of Congress approved July first, nineteen hundred and two, be increased to four million six hundred thousand dollars, and that the limit of cost, exclusive of armor and armament, of each of the two training vessels authorized by the Act of Congress approved March third, nineteen hundred and three, be increased to four hundred and ten thousand dollars: *And provided further*, That the limit of cost, exclusive of armor and armament, of each of the two colliers authorized by the Act of Congress approved April twenty-seventh, nineteen hundred and four, be increased to one million five hundred and fifty thousand dollars.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats, to an amount not exceeding one million dollars, after such tests as he shall see fit to prescribe, to determine the comparative efficiency of the different boats for which bids may be submitted: *Provided*, That such tests shall take place within nine months from the date of the

passage of this Act; and for such purpose the sum of five hundred thousand dollars is hereby appropriated.

CONSTRUCTION AND MACHINERY: On account of hulls, outfits, and machinery of vessels and steam machinery of vessels heretofore authorized, seventeen million eight hundred and thirty thousand eight hundred and twenty-nine dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, fifteen million one hundred and forty-five thousand dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy, to the lowest responsible bidder, having in view the best results and most expeditious delivery. But this provision shall not apply to or interfere with contracts for such armor already entered into, signed and executed by the Secretary of the Navy.

Total increase of the Navy, thirty-three million four hundred and seventy-five thousand eight hundred and twenty-nine dollars.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington unless specific authority be given for such expenditure.

Approved, June 29, 1906.

FIFTY-NINTH CONGRESS, SECOND SESSION—MARCH 2, 1907.

[PUBLIC—No. 171.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and eight, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations; clerks to paymasters at yards and stations, general storekeepers, receiving ships, and other vessels; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and the proper accounting officers of the Treasury are hereby authorized and directed to allow in the settlement of accounts of disbursing officers all payments made since November thirteenth, nineteen hundred and five, and prior to July first, nineteen hundred and seven, for commutation of quarters for officers on shore serving with troops and not provided with public quarters; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, thirty-six thousand men; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement; and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year; and two thousand five hundred apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, twenty-one million dollars.

Provided, That the Secretary of the Navy may, in his discretion, require the whole or a part of the bounty allowed upon enlistment to be refunded in cases where men are discharged during the first year of enlistment by request, for inaptitude, as undesirable, or for disability not incurred in line of duty.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones, copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage; tolls, and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof, and other necessary and incidental expenses, six hundred and seventy-five thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, sixty-five thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and eight.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen at home and abroad, with subsistence and transfers en route, or cash in lieu thereof, transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, four hundred thousand dollars.

Recruiting: Expenses of recruiting for the naval service; rent of *rendezvous* and expenses of maintaining the same; advertising for

and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, one hundred and twenty-one thousand three hundred and forty dollars: *Provided*, That no part of this appropriation shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen, unless a certificate of birth or written evidence, other than his own statement or statement of another based thereon, satisfactory to the recruiting officer, showing the applicant to be of age required by naval regulations, shall be presented with the application for enlistment.

Contingent: Advertising, telegraphing on public business, postage on letters sent abroad, ferriage, ice, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforseen and impossible to classify, fifteen thousand dollars.

GUNNERY EXERCISES: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation of civilian assistants and equipment to and from ranges, one hundred and twenty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed sixty dollars each, six hundred thousand dollars.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval auxiliaries and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, five hundred thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, fifty thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; building and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic imple-

ments; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, seventy-one thousand dollars.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street-care fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire extinguishers; heating, lighting, and furniture; stationery, books, and periodicals; ice and washing; expressage; packing boxes and materials; postage, telegraphing, and telephoning; and all other contingent expenses, twenty thousand dollars.

For clerical force in the office of commandant as follows: One clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one draftsman, at one thousand five hundred dollars; one subinspector, at one thousand five hundred dollars; one foreman of laborers, at one thousand two hundred dollars; one messenger, at five hundred and forty dollars; in all, six thousand nine hundred and forty dollars.

In all, naval training station, Great Lakes, twenty-six thousand nine hundred and forty dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, twelve thousand three hundred dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, one thousand dollars; services of civilian lecturers rendered at the War College, six hundred dollars; two copyists, at nine hundred dollars each per year; purchase of books of reference, four hundred dollars; one librarian, one thousand four hundred dollars per year;

In all, Naval War College, Rhode Island, eighteen thousand seven hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at seven hundred and twenty dollars; one matron, at four hundred and twenty dollars; one beneficiaries' attendant, at two hundred and forty dollars; one chief cook, at four hundred and eighty dollars; one assistant cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred and forty dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at *eight hundred* and forty-five dollars; one engineer for elevator and ma-

chinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, fourteen thousand six hundred and fifty dollars. Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, eight hundred dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnaces, and furniture, six thousand seven hundred and forty-eight dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, forty-seven thousand nine hundred and five dollars; total miscellaneous, fifty-nine thousand and thirty-three dollars;

In all, for Naval Home, seventy-three thousand six hundred and eighty-three dollars, which sum shall be paid out of the income from the naval pension fund: *Provided*, That for the performance of such additional services in and about the Naval Home as may be necessary, the Secretary of the Navy is authorized to employ, on the recommendation of the governor, beneficiaries in said Home, whose compensation shall be fixed by the Secretary and paid from the appropriation for the support of the Home.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordinance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory, and for target practice, four million dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

Ammunition and other supplies for new ships, seven hundred and fifty thousand dollars.

Purchase and manufacture of smokeless powder, five hundred thousand dollars.

Machine tools for navy-yard, Boston, thirty-nine thousand dollars.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, one hundred and fifty thousand dollars;

For modernizing the battery of the Iowa, thirty-six thousand dollars.

For modernizing the batteries of the Monterey and the Monadnock, twenty thousand dollars.

For providing new turret sights for the four monitors of the Arkansas class, sixteen thousand dollars.

New battery for the Brooklyn, one hundred and seventy-seven thousand two hundred dollars.

For completing the work of modifying four-inch forty-caliber mounts, and providing new sights; and for modifying five-inch forty-

caliber mounts, and providing new sights for same, one hundred thousand dollars.

For fire-control instruments for nineteen battle ships and twelve armored cruisers; for fire-control instruments for four monitors and twenty-five cruisers, three hundred thousand dollars.

For the manufacture, purchase, repair, and maintenance of a reserve stock of mines and mine appliances, one hundred thousand dollars.

For fifty eighteen-inch torpedoes; converting destroyers to modern boats; converting three and fifty-five one-hundredths meter boats to five-meter boats, three hundred thousand dollars.

RESERVE AMMUNITION: Toward the accumulation of a reserve supply of ammunition, four million dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

RESERVE GUNS FOR SHIPS OF THE NAVY: Purchase and manufacture of reserve guns for ships of the Navy, seven hundred and fifty thousand dollars.

RESERVE TORPEDOES AND APPLIANCES: For the purchase or manufacture of reserve torpedoes and appliances, two hundred and fifty thousand dollars: *Provided*, That of this amount not more than one hundred and fifty-five thousand dollars shall be used for the construction and equipment of a torpedo factory at the torpedo station at Newport, Rhode Island.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material, freight and express charges; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, and new smokestack and flues for boilers, seventy thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, repairs to vessels loaned to States in accordance with law, fuel and clothing, and the printing or purchase of necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, sixty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Advertising, cartage and express charges, expenses of light and water at magazines and stations; tolls, ferriage, foreign postage, and telegrams to and from the Bureau, technical books, and incidental expenses attending inspection of ordnance material, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars;

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand two hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand *four* hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand five hundred dollars; two foremen of Gun Factory, at two thousand five hundred dollars each; one ordnance engineer and computing draftsman, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand one hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty-one dollars each; one assistant draftsman, at seven hundred and seventy-two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and copyist, at one thousand dollars; in all, twenty-seven thousand one hundred and six dollars and seventy-five cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars;

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder factory, two thousand dollars;

Torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars;

In all, civil establishment, Bureau of Ordnance, forty-seven thousand two hundred and six dollars and seventy-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains and for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war,

fessional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; service and supplies for coast-signal service; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, three million two hundred and fifty thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal and other fuel for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, and for the general maintenance of naval coaling depots and coaling plants, four million one hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF EQUIPMENT: Express charges on equipment stores, packing boxes and materials, printing, advertising, telegraphing, books, and models; stationery; furniture for equipment of offices in navy-yards; postage on letters sent abroad; ferriage, ice, and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, fifteen thousand dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, and express charges on the same, seventy-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars;

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at two thousand dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one civil superintendent of chain shop, two thousand dollars; one civil superintendent of anchor shop, two thousand dollars; in all, eleven thousand eight hundred dollars;

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand

two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars;

Navy-yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor at said navy-yard, one thousand six hundred dollars;

Navy-yard, Pensacola, Florida: One clerk, one thousand dollars;

Naval station, Cavite, Philippine Islands: One master electrician, one thousand eight hundred and seventy-eight dollars; one clerk, one thousand dollars; in all, two thousand eight hundred and seventy-eight dollars;

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars;

Naval station, Key West, Florida: One clerk, one thousand dollars;

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars;

In all, civil establishment, Bureau of Equipment, thirty-eight thousand and twenty-eight dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Wolverine, and for pay of employees on leave, nine hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one messenger at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand four hundred dollars; one stenographer and typewriter, one thousand dollars; one writer, nine hundred dollars; one telegraph operator and clerk, nine hundred dollars; one draftsman, one thousand two hundred dollars; one master of tugs, one thousand two hundred dollars; in all, thirteen thousand seven hundred and fifty dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; one stenographer and typewriter, at three dollars and twenty-eight cents per diem; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand and sixty-one dollars and seventeen cents.

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one time clerk, one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem, including Sundays; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; one master of tugs, one thousand five hundred dollars; in all, twenty-three thousand one hundred and ninety-six dollars and eighty-nine cents;

Naval station, Sacketts Harbor, New York: For one ship keeper, at three hundred and sixty-six dollars per annum;

Navy-yard, League Island, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; one foreman joiner, at four dollars per diem; one stenographer and typewriter, civil engineer's office, one thousand dollars; in all, twelve thousand four hundred and forty-two dollars;

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one time clerk, nine hundred dollars; in all, six thousand six hundred dollars and sixty-nine cents;

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at nine hundred dollars; one master of tugs, at one thousand two hun-

dred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; one foreman mechanic, at four dollars and twenty-four cents per diem; one foreman of teams, at two dollars and twenty-four cents per diem; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays; one stenographer and typewriter, civil engineer's office, one thousand two hundred dollars; in all, sixteen thousand eight hundred and twenty-seven dollars and ninety-seven cents;

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one electrician, at one thousand four hundred dollars; one draftsman, at four dollars per diem; one foreman laborer, at three dollars and fifty-two cents per diem; one stenographer, typewriter, and telegraph operator, at three dollars and four cents per diem; one writer, at two dollars and eighty cents per diem; in all, seven thousand five hundred and twenty-seven dollars and four cents;

Naval station, Port Royal, South Carolina: One messenger and janitor, one dollar and fifty cents per diem; one telegraph operator, including Sundays, two dollars per diem; in all, one thousand two hundred and three dollars;

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars; one clerk, at one thousand four hundred dollars; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; in all, two thousand six hundred and forty-four dollars and sixteen cents;

Naval station, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one stenographer and typewriter, civil engineer's office, at nine hundred and fifty dollars; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays; one foreman laborer, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; one messenger, commandant's office, at two dollars per diem, including Sundays; in all, seven thousand eight hundred and five dollars;

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one foreman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; one clerk in civil engineer's office, at one thousand dollars; in all, fifteen thousand three hundred dollars and one cent.

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, at nine hundred dollars; one stenographer and typewriter, civil engi-

neer's office, at one thousand dollars; one writer, at nine hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman carpenter, at four dollars and fifty cents per diem, one thousand four hundred and four dollars; in all, eleven thousand four hundred and seventy-nine dollars and eighty cents.

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; one foreman, one thousand one hundred dollars; in all, three thousand six hundred and eighty dollars.

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-nine dollars and twenty-five cents.

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; one clerk, commandant's office, seven hundred and twenty dollars; one messenger, commandant's office, one hundred and eighty dollars; in all, three thousand three hundred and sixty dollars.

Naval station, Guam: One clerk, one thousand six hundred dollars; one foreman machinist, one thousand six hundred dollars; one messenger and janitor, six hundred dollars; in all, three thousand eight hundred dollars.

Navy Yard, Charleston, South Carolina: Commandant's office: One stenographer and typewriter, at three dollars and four cents per diem; one writer and telegraph operator, at two dollars per diem, including Sundays; one mail messenger, at two dollars per diem, including Sundays; one messenger and janitor, at one dollar and fifty-two cents per diem, including Sundays. Civil engineer's office: One clerk, at one thousand three hundred dollars; one stenographer, at two dollars and eighty cents per diem; one messenger, at one dollar and fifty-two cents per diem; in all, five thousand six hundred and thirty-one dollars and thirty-six cents.

In all, civil establishment, Bureau of Yards and Docks, one hundred and forty-nine thousand four hundred and twenty-four dollars and thirty-four cents, and no other fund appropriated by this Act shall be used in payment for such service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, two thousand dollars; sewer system, extension, two thousand dollars; quay walls, to extend, twenty thousand dollars; grading, to continue, fifteen thousand dollars; central power plant, to complete, sixty thousand dollars; blasting in front of quay wall (to cost one hundred and ten thousand dollars), fifty thousand dollars; naval prison laundry, three thousand dollars; naval prison cooking and baking plant, three thousand two hundred dollars; naval prison, furniture and fittings, eight thousand five hundred dollars; naval prison, administration building, to complete, ten thousand dollars; pattern shop for steam engineering, to complete, sixty-one thousand two hundred dollars; *track* for forty-ton crane, extension, ten thousand dollars, the

limit of cost to be forty-six thousand eight hundred dollars; in all, two hundred and forty-four thousand nine hundred dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Paving, to continue, twenty thousand dollars; third floor, building numbered one hundred and seven, six thousand dollars; electric plant, extensions, twenty-five thousand dollars; heating system, extensions, seventeen thousand five hundred dollars; railroad rolling stock, three thousand dollars; telephone system, extensions, one thousand dollars; railroad system extensions, two thousand dollars; repairs to dry dock numbered one, fifteen thousand dollars; completing building numbered one hundred and eight, five thousand dollars; salt water flushing for dry dock numbered two, two thousand five hundred dollars; water-closet between dry docks, ten thousand dollars; improving rope walk building, ten thousand dollars; improvements to naval prison, two thousand five hundred dollars; improvements to building numbered forty-two, nine thousand dollars; in all, navy-yard, Boston, one hundred and twenty-eight thousand five hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Electric plant, extensions, twenty-five thousand dollars; underground conduits, extension, fifteen thousand dollars; heating system, extensions, twenty thousand dollars; electric motors for pump well valves, seven thousand dollars; electric elevators, ten thousand dollars; central power plant, to complete, one hundred and forty thousand dollars; for side walk on Flushing avenue and Navy street in front of the Navy-Yard, ten thousand eight hundred dollars; railroad equipment, additional, five thousand dollars; railroad system, extensions, ten thousand dollars; sewers and drains, ten thousand dollars; cement storehouse, eleven thousand dollars; in all, navy-yard, New York, New York, two hundred and sixty-three thousand eight hundred dollars.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; sea wall, extension, fifty thousand dollars; berth for receiving ship, to extend, twenty-five thousand five hundred dollars; in all, navy-yard, League Island, one hundred and twenty-five thousand five hundred dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, ten thousand dollars; grading, to extend, ten thousand dollars; quay wall, twenty-five thousand dollars; railroad bridge and tracks, forty thousand dollars; in all, navy-yard, Washington, eighty-five thousand dollars.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to complete, fifty thousand dollars; grading and paving, fifteen thousand dollars; railroad system, extensions, fifteen thousand dollars; dredging, ninety-eight thousand dollars; conduit system, extension, ten thousand dollars; sewer system, extension, five thousand dollars; central power plant, thirty thousand dollars; railroad equipment, five thousand dollars; quay wall, thirty-four thousand dollars; heating system, extensions, fifteen thousand dollars; electric system, extension, ten thousand dollars; in all, navy-yard, Charleston, South Carolina, two hundred and eighty-seven thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Paving and grading, additional, ten thousand dollars; railroad tracks, extensions, eight thousand dollars; rebuilding coal wharf, twenty-five thousand dollars; telephone system, extensions, two thousand five hundred dollars; electric plant, extensions, twenty thousand dollars; machine shop for steam

ing, to complete, twenty-five thousand dollars; concrete and granite dry dock, to complete, one hundred thousand dollars; improvements to one-hundred-ton shears, to complete, twenty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; central power plant, one hundred and thirty thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred and sixty-five thousand five hundred dollars.

NAVAL STATION, KEY WEST, FLORIDA: Dredging and filling in, twenty-five thousand dollars; grading and paving, five thousand dollars; sidewalks along outside station wall on Government property, two thousand five hundred dollars; water systems, extensions, two thousand dollars; removing steel tanks from Dry Tortugas, ten thousand dollars; in all, navy-yard, Key West, Florida, forty-four thousand five hundred dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollar; electric-plant system, extension, ten thousand dollars; sewer system, extensions, three thousand dollars; heating system, extension, five thousand dollars; telephone system, extensions, one thousand dollars; electric capstans for dry dock numbered one, ten thousand dollars; extension of building numbered one hundred and nineteen, block and cooper shop, fifteen thousand dollars; improvements to building numbered ninety-six, shipfitters' shop, three thousand dollars; improvements to buildings numbered sixty-nine and seventy-one, twenty thousand dollars; improvements to coal cylinders, seven thousand five hundred dollars; workshop for electrical class, three thousand dollars; channel moorings, Mare Island Strait, nine thousand dollars; enlarging and moving dispensary building, six thousand dollars; improvements to naval prison, fifty thousand dollars; central light and power plant at Mare Island Navy-Yard, California, one hundred thousand dollars; removal of office building numbered one hundred and three, one thousand dollars; in all, navy-yard, Mare Island, two hundred and forty-eight thousand five hundred dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: To continue grading, ten thousand dollars; electric-light plant, extensions, six thousand dollars; water system, extensions, five thousand dollars; heating system, extensions, five thousand dollars; roads and walks, extensions, two thousand five hundred dollars; stone and concrete dry dock, to continue, two hundred thousand dollars; quay wall, extensions, thirty thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and fifty-eight thousand five hundred dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Machinery for central power plant, thirty-five thousand dollars; conduit system, two thousand five hundred dollars; improvements to storehouse, building numbered twenty-five, five thousand dollars; and to enable the Secretary of the Navy to repair and reconstruct, where necessary, the buildings, wharves, and other public works recently damaged by hurricane at the navy-yard, Pensacola, two hundred thousand dollars; in all, navy-yard, Pensacola, two hundred and forty-two thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, twenty-five thousand dollars; levee improvement and grading, twenty-five thousand dollars; central electric light and power plant, extension, fifty thousand dollars; railroad system, five thousand dollars; drainage system, ten thousand dollars; central heating plant, eighteen *thousand dollars*; paving, ten thousand dollars; fitting up yard build-

ings eight and sixteen, four thousand three hundred dollars; dispensary building, nine thousand dollars; in all, navy-yard, New Orleans, one hundred and fifty-six thousand three hundred dollars.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Water system, forty thousand dollars; quay walls, fifty thousand dollars; in all, ninety thousand dollars.

NAVAL STATION, ISLAND OF GUAM: Dredging, seven thousand five hundred dollars; extension of naval-station roads, five thousand dollars; water supply system, ten thousand dollars; in all, twenty-two thousand five hundred dollars.

NAVAL STATION, HAWAII: Grading, curbing, and fencing, one thousand one hundred dollars; fender timbers, piers one and two, two thousand dollars; in all, three thousand one hundred dollars.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Extension of building numbered sixty-four, seven thousand five hundred dollars; boat-storage shed, four thousand dollars; improvement of naval prison, one thousand five hundred dollars; in all, thirteen thousand dollars.

NAVAL STATION, CULEBRA, PORTO RICO: Clearing and grading, one thousand five hundred dollars; fencing, five hundred dollars; in all, two thousand dollars.

NAVAL STATION, TUTUILA: Barracks for native guard, five thousand dollars; operating room, one thousand dollars; in all, six thousand dollars.

GOVERNMENT LANDING, NEWPORT, RHODE ISLAND: Steel floats, fences, dredging, and general improvements, seven thousand eight hundred and forty dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS: For repairs and preservation at navy-yards and stations, five hundred thousand dollars.

Total public works, navy-yards and stations, three million one hundred and twenty-four thousand nine hundred and forty dollars.

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: To complete the construction of buildings, and for other necessary improvements at the Naval Academy, Annapolis, Maryland, as authorized by the Acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, three hundred and eighty thousand dollars.

BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, sixteen thousand dollars; in all, sixteen thousand dollars.

Total public works under Secretary's office, three hundred and ninety-six thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: For extra service pipe to Oakland shore, fifteen thou d do s; to repair roads, one thousand dollars. To paint barracl uildi and officers' quar-

ters, three thousand dollars; dispensary building, to cost not exceeding twenty thousand dollars; in all, thirty-nine thousand dollars.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Improving and grading grounds and roads, two thousand five hundred dollars; rebuilding old timber wharf and improving water front, nine thousand three hundred dollars; refrigerating plant, increase, seven thousand nine hundred and fifty dollars; artesian and fresh-water system (to extend), three thousand five hundred dollars; grading and walks at barracks "C," two thousand dollars; dredging channel and basin, five thousand dollars; steam-distributing lines, six thousand three hundred dollars; increase of heating and lighting plant, five thousand three hundred dollars; sanitary, heating, and ventilating system in barracks "B," nine thousand eight hundred and forty dollars; completion and repairs, three double sets of officers' quarters, four thousand two hundred and thirty-two dollars; furnishing assembly, lecture, and reading room, and improving basement story, two thousand nine hundred and ninety dollars; in all, naval training station, Rhode Island, fifty-eight thousand nine hundred and twelve dollars.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: Toward the continuance of construction of buildings in accordance with the provisions of the Act of Congress approved June twenty-ninth, nineteen hundred and six, five hundred thousand dollars.

Electrical mains and conduits, heating mains and concrete conduits, heating station equipment, power plant equipment, water supply and sewage disposal, two hundred thousand dollars; in all, seven hundred thousand dollars.

In all, public works, Bureau of Navigation, seven hundred and ninety-seven thousand nine hundred and twelve dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL MAGAZINE, DOVER, NEW JERSEY: Two brick magazine buildings, each seventy-five feet by forty feet, to be known as magazines numbered six and seven, with the necessary railroad tracks to connect with the present system, twenty-two thousand dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, twenty-two thousand dollars.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One brick magazine building, fifty feet by one hundred feet, fourteen thousand dollars; in all, fourteen thousand dollars.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Shell and mount storehouse, including twenty-ton traveling crane and five-ton auxiliary hoist, to cost not exceeding twenty thousand five hundred dollars; laboratory annex, five thousand dollars; nitrate of soda storehouse, to replace building destroyed by fire, four thousand five hundred dollars; ether vault and tank, one thousand three hundred and eighty dollars; pyro storehouse, eight hundred and fifty dollars; completion of bomb proof for velocity battery, nine hundred dollars; clearing underbrush, care of grounds, and preservation of permanent way of railroad tracks, one thousand dollars; in all, naval proving ground, Indian Head, thirty-four thousand one hundred and thirty dollars.

Naval magazine, Fort Mifflin, Pennsylvania: Repairs to wharf and *railroad track*, five thousand dollars; installation of drainage system

for five dwellings to discharge into river at low-water mark, two thousand five hundred dollars; one building of corrugated steel construction, eighteen by thirty-two feet, for use of workmen, one thousand two hundred dollars; in all, eight thousand two hundred dollars.

Naval magazine, New England coast: Toward the erection of the necessary buildings on ground, the purchase of which is now under negotiation, as authorized by the Act approved April twenty-seventh, nineteen hundred and four, for a new naval magazine on the New England coast; also toward inclosing said grounds, grading and filling in, building roads and walks, improvement of the water front, necessary wharves and cranes, railroad tracks, and rolling stock for local service, fire and water service, and equipment of the establishment, one hundred and thirty thousand dollars.

Naval magazine, Mare Island, California: Toward additional magazine and storage facilities, quarters for gunners, fencing, extension of wharf, fire mains, lighting, telephone and railroad systems, and equipment pertaining thereto, fifty thousand dollars.

Torpedo station, Newport, Rhode Island: Rebuilding the oldest section of sea wall, five thousand dollars; ferry slip at torpedo station and Government landing, seven thousand five hundred dollars; in all, twelve thousand five hundred dollars.

Naval magazine, New York Harbor: For naval magazine, New York Harbor (Iona Island): Extension to locomotive house to hold number two compressed-air locomotive, eight hundred dollars; installing fire protection, standpipes, and nozzles in storehouse numbered one, one thousand and fifty dollars; one additional magazine building, standard construction, with grading of sites, fifteen thousand dollars; two filling houses, with steam heating, two thousand dollars; extension of railroad tracks, and new sidings, three thousand dollars; one heat-test house, one thousand dollars; extending sewers, five hundred dollars; primer house, six hundred dollars; in all, twenty-three thousand nine hundred and fifty dollars.

Naval magazine, Puget Sound, Washington: For necessary buildings, water and fire system; fencing, clearing, and grading; railroad tracks, and equipment of the naval magazine, Puget Sound, on ground recently acquired for the purpose, total cost of the improvements to said grounds not to exceed one hundred and fifty-three thousand dollars, seventy-five thousand dollars.

Total public works under Bureau of Ordnance, three hundred and sixty-nine thousand seven hundred and eighty dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Naval hospital, Pensacola, Florida: For the renewal of the present hospital buildings, fifteen thousand dollars, and for the erection of quarters for the medical staff outside the naval hospital, ten thousand dollars; in all, twenty-five thousand dollars.

Naval hospital, Puget Sound, Washington: For the construction of naval hospital buildings, seventy-five thousand dollars, (total cost not to exceed one hundred and fifty thousand dollars).

Naval Hospital, Washington, District of Columbia: For the erection of an addition, symmetrical with the northeast pavilion, solarium, and connecting corridor, to the naval hospital, Washington, District of Columbia, sixty thousand dollars.

Naval medical supply depot, Canacao, Philippine Islands: For the erection of a building for the United States naval medical supply depot on the grounds of the naval hospital, Canacao, twenty-five thousand dollars.

Total public works under Bureau of Medicine and Surgery, one hundred and eighty-five thousand dollars.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: For construction of officers' quarters, navy-yard, League Island, Pennsylvania, to cost not to exceed thirty thousand dollars, thirty thousand dollars;

For the purchase of ground adjoining the quartermasters' depot, Philadelphia, Pennsylvania, and erection thereon of an addition to said depot, at a cost of ground and building not to exceed two hundred thousand dollars, two hundred thousand dollars;

To complete marine barracks and officers' quarters, walls and improvement to grounds, Washington, District of Columbia, eighty thousand dollars;

For roads, walks, grading, and so forth, Marine Corps reservation, navy-yard, Norfolk, Virginia, five thousand dollars;

For construction of two officers' quarters, navy-yard, Pensacola, Florida, ten thousand dollars;

For construction of marine barracks, naval station, Guantanamo, Cuba, ten thousand dollars;

For construction of an addition to the marine barracks, navy-yard, Bremerton, Washington, twelve thousand dollars;

In all, public works, Marine Corps, three hundred and forty-seven thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and department of instruction, and Naval Academy, two hundred and fifty-five thousand dollars.

NAVAL HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, and for care and maintenance of patients in other hospitals at home and abroad, forty thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For expressage on medical stores, tolls, ferriages, care, transportation, and burial of the dead; advertising, telegraphing, rent of telephones, purchase of books and stationery, binding of medical records, unbound books, and pamphlets; postage and purchase of stamps for foreign service; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of and feed for horses and cows; trees, plants, garden tools

and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations, surgeons' quarters at naval hospitals; washing for medical department at museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses; in all, fifty-five thousand dollars.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty-five thousand dollars.

For the equipment of a hospital for laborers at the naval station, Guantanamo, including ward, kitchen, dispensary, and operating-room supplies, to be immediately available, nine hundred dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, and chief boatswains, chief gunners, chief sailmakers, chief carpenters), and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval-supply fund; one chemist, at two thousand five hundred dollars per annum, and two chemists, at two thousand dollars each per annum, one hundred thousand United States Army emergency rations, five million five hundred and forty-two thousand dollars: *Provided*, That pay department stores may be sold to civilian employees at naval stations beyond the continental limits of the United States and in

Alaska, under such regulations as the Secretary of the Navy may prescribe: *Provided further*, That section fifteen hundred and eighty-one of the Revised Statutes, as amended by Act of June twenty-ninth, nineteen hundred and six, be, and it is hereby, further amended by adding thereto a paragraph as follows:

"Any article comprised in the Navy ration may be issued in excess of the authorized quantity, provided there be an under issue of the same value in some other article or articles: *And provided, further*, That the unexpended balances under appropriations 'Provisions, Navy,' for the fiscal years ending June thirtieth, nineteen hundred and five and nineteen hundred and six, are hereby reappropriated for 'Provisions, Navy,' for the fiscal year ending June thirtieth, nineteen hundred and eight."

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For expressage, fuel, books and blanks, stationery, advertising, furniture and interior fittings for general storehouses and pay offices in navy-yards; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for same, postage, telegrams, telephones, tolls, ferriages, yeoman's stores, safes, newspapers, ice, and other incidental expenses, one hundred and sixty-five thousand dollars: *Provided*, That the sum of ten thousand dollars from the unexpended balance under appropriation "Contingent, Bureau of Supplies and Accounts," for the fiscal year ending June thirtieth, nineteen hundred and six, is hereby reappropriated for "Contingent, Bureau of Supplies and Accounts," for the fiscal year ending June thirtieth, nineteen hundred and eight: *Provided further*, That hereafter the purchase of supplies and the procurement of services for all branches of the naval service may be made in open market in the manner common among business men, without formal contract or bond, when the aggregate of the amount required does not exceed five hundred dollars, and when, in the opinion of the proper administrative officers, such limitation of amount is not designed to evade purchase under formal contract or bond, and equally or more advantageous terms can thereby be secured.

Freight, Bureau of Supplies and Accounts: All freight charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Equipment, five hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars;

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents;

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at

seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one store man, nine hundred dollars; one principal clerk, provisions and clothing section, one thousand four hundred dollars; one principal clerk, supply-fund section, one thousand four hundred dollars; one cloth inspector, at four dollars per diem, one thousand two hundred and fifty-six dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand two hundred and nineteen dollars and nine cents.

Navy-yard, League Island, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars, one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars.

Navy-yard, Mare Island, California: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assist-

Navy-yard, League Island, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents;

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars;

Navy-Yard, Pensacola, Florida: One clerk to naval constructor, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand two hundred and seventeen dollars and twenty-five cents;

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents;

Navy-yard, Puget Sound, Washington: One clerk to naval constructor, one thousand four hundred dollars; one clerk, at one thousand dollars; one clerk, at nine hundred dollars; in all, three thousand three hundred dollars;

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars;

Naval station, Cavite, Philippine Islands: One clerk to naval constructor, one thousand four hundred dollars; two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars; in all, three thousand eight hundred dollars;

In all, civil establishment, Bureau of Construction and Repair, forty thousand eight hundred and twenty-four dollars and twenty-five cents; and no other fund appropriated by this Act shall be used in payment for such service.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels; repair and care of machinery of yard tugs and launches; three million five hundred thousand dollars;

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two million dollars;

For incidental expenses for navy vessels, yards, such as foreign postage, telegrams, advertising, expressage, photographing, books, stationery, office furnishings, and instruments, six thousand dollars;

In all, steam machinery, five million five hundred and six thousand dollars.

Machinery plant, navy-yard, Pensacola, Florida: For purchase of modern tools for use in repair of naval vessels, to replace others worn out, ten thousand dollars.

Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, with new power tools, and to replace obsolete and worn-out machine tools, thirty thousand dollars; in all, thirty thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: For machine tools to equip machine and boiler shop extension, twenty-five thousand dollars.

Machinery plant, navy-yard, New York, New York: For additional machine tools for copper, boiler, machine and pattern shops, and foundry, forty thousand dollars.

Machinery plant, League Island, Pennsylvania: For additional machine tools for machine and boiler shops, twenty-five thousand dollars.

Machinery plant, naval station, Cavite, Philippine Islands: For additional machine tools, twenty-five thousand dollars.

Machinery plant, naval station, Olongapo, Philippine Islands: For machine tools required for equipment of shops for repair work, twenty thousand dollars.

Engineering experimental station, United States Naval Academy, Annapolis, Maryland—Salaries: One draftsman to engineering staff at the laboratory, one thousand eight hundred dollars; one clerk to engineering staff at the laboratory, one thousand two hundred dollars; one skilled mechanic, one thousand two hundred dollars; one skilled mechanic, seven hundred and twenty dollars; one messenger, who shall also be janitor, six hundred dollars; in all, five thousand five hundred and twenty dollars.

Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars;

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars;

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, League Island, Pennsylvania: One clerk to department, at one thousand two hundred dollars;

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars;

Navy-yard, Pensacola, Florida: One writer, one thousand dollars;

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars;

Navy-yard, Charleston, South Carolina: One clerk to department, one thousand two hundred dollars;

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars;

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars;

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars; and no other fund appropriated by this Act shall be used in payment for such service.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand dollars;

One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at two thousand five hundred dollars each;

Three professors, namely, one of English, one of French, and one of Spanish, at two thousand two hundred dollars each;

Five instructors, at two thousand dollars each;

Four instructors, at one thousand eight hundred dollars each;

Ten instructors, at one thousand five hundred dollars each;

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one cataloguer, at one thousand one hundred dollars; two shelf assistants, at nine hundred dollars each; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the superintendent, at one thousand two hundred dollars each; one clerk to the superintendent, at one thousand dollars; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one writer to the commandant of midshipmen, at seven hundred and twenty dollars; one clerk to the paymaster, at one thousand two hundred dollars; one clerk to the paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, at nine hundred and fifty-one dollars and fifty-two cents; one mechanic in the department of ordnance, at seven hundred and fifty-one dollars and twenty cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the superintendent, at six hundred dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; three quarter gunners, at four hundred and sixty-nine dollars and sixty-eight cents; one coxswain, at four hundred and sixty-nine dollars and fifty cents; three seamen in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents; twenty attendants at recitation rooms, library, store, chapel, armory, gymnasium, and offices, at three hundred dollars each; one bandmaster, at one thousand two hundred dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; one assistant instructor in gymnastics, one thousand dollars; one clerk to the superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; two instructors in physical training, at one thousand five hundred dollars each; one clerk to the commandant of midshipmen, one thousand dollars; one electrical machinist in department of physics, one thousand dollars; one chief cook, one

thousand two hundred dollars; two cooks, at six hundred dollars each, one thousand two hundred dollars; one steward, one thousand two hundred dollars; one assistant steward, six hundred dollars; one head waiter, seven hundred and twenty dollars; two assistant head waiters, at four hundred and eighty dollars each, nine hundred and sixty dollars; two pantry men, at four hundred and twenty dollars each, eight hundred and forty dollars; one assistant baker, four hundred and twenty dollars; necessary waiters, at sixteen dollars per month each, thirteen thousand four hundred and forty dollars; one printer at seven hundred and twenty dollars; one printer at four hundred and eighty dollars; in all, one hundred and thirty-three thousand four hundred and eight dollars and twenty-six cents.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch, and weigher, at two dollars and fifty cents per diem; second captain of the watch, at two dollars and twenty-four cents per diem; twenty-two watchmen, at two dollars per diem each; foreman of steam heating works of the academy, at five dollars per diem; labor at power house for masons, carpenters, and other mechanics, laborers, and attendants; and for care of buildings and grounds, wharves, and boats; in all, one hundred thousand dollars.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics, attendants, and others in department of steam engineering, twenty thousand three hundred and forty-three dollars and six cents.

Special course of study and training of midshipmen, as authorized by Act of Congress approved August fifth, eighteen hundred and eighty-two, three thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, thirty thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; and for heating and lighting the academy and bandsmen's quarters, fifty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase, binding, and repair of books for the library and text-books for the use of instructors (to be purchased in open market on the written order of the superintendent), two thousand five hundred dollars; purchase of azimuth tables, seven hundred dollars; stationery, blank books, models, and maps, two thousand five hundred dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the academy, and for supplying necessary outfit for the Board house, and for clerk hire, carriages, and other incidental and necessary expenses of the Board, two thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics and for repairs of the same, three thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the academy, commutation of rent for bandsmen, at eight dollars per month each, freight, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, sixty thousand dollars; stores, stationery, periodicals, materials, apparatus, machinery, tools, and fittings; for use in the department of marine engineering and naval construction, for purposes of instruction, repairs of apparatus,

tools, and machinery, care and cleaning of building and its equipment, and for all other necessary purposes, fifteen thousand dollars; for contingencies for the superintendent of the academy, to be expended in his discretion, two thousand dollars; apparatus for the instruction of midshipmen in the various academic departments, fifteen thousand dollars; for care of rifle range, one thousand two hundred and seventy-seven dollars and four cents; in all, one hundred and three thousand nine hundred and seventy-seven dollars and four cents.

In all, Naval Academy, four hundred and forty thousand seven hundred and twenty-eight dollars and thirty-six cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and ninety-eight thousand one hundred and forty dollars.

For pay of officers prescribed by law, on the retired list: For one major-general, seven brigadier-generals, two colonels, seven lieutenant-colonels, five majors, six captains, seven first lieutenants, and four second lieutenants, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, one hundred and fifteen thousand dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good-conduct medals, pins, or bars, and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore, one million eight hundred and eighty-three thousand five hundred and fifty-five dollars and twenty cents: *Provided*, That hereafter privates regularly detailed and serving as cooks, shall receive, in addition to the pay otherwise allowed by law, the following: First-class cooks, ten dollars per month; second-class cooks, eight dollars; third-class cooks, seven dollars; and fourth-class cooks, five dollars.

Pay and allowance of retired enlisted men: For two sergeant-majors, one drum-major, seven gunnery-sergeants, eleven quartermaster-sergeants, twelve first sergeants, thirty-seven sergeants, five corporals, thirteen first-class musicians, one drummer, one trumpeter, and thirty-five privates, and for those who may be retired during the fiscal year, sixty-seven thousand four hundred and twenty-two dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, eighty-five thousand five hundred and sixty-nine dollars and ninety-eight cents.

Mileage: For mileage to officers traveling under orders without troops, forty thousand dollars;

For commutation of quarters of officers on duty without troops where there are no public quarters, twenty thousand dollars;

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six

hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of each assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; two clerks, at one thousand two hundred dollars each; one draftsman, at one thousand six hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand four hundred dollars each; two clerks, for duty in the Philippine Islands, one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars;

In all, for pay of civil force, thirty thousand three hundred and eleven dollars and twenty-eight cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

For interest on soldiers' deposits, four thousand dollars, and so much as may be necessary to refund such deposits.

In all, pay Marine Corps, two million eight hundred and forty-three thousand nine hundred and ninety-eight dollars and forty-six cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for subsistance of enlisted men when traveling on duty, or cash in lieu thereof, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, five hundred and forty-eight thousand five hundred and three dollars; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, six hundred thousand nine hundred and twenty dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, eighty thousand dollars.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at four dollars per day; one mechanic, at three dollars per day; two mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridige boxes, bayonet

tools, and machinery, care and cleaning of building and its equipment, and for all other necessary purposes, fifteen thousand dollars; for contingencies for the superintendent of the academy, to be expended in his discretion, two thousand dollars; apparatus for the instruction of midshipmen in the various academic departments, fifteen thousand dollars; for care of rifle range, one thousand two hundred and seventy-seven dollars and four cents; in all, one hundred and three thousand nine hundred and seventy-seven dollars and four cents.

In all, Naval Academy, four hundred and forty thousand seven hundred and twenty-eight dollars and thirty-six cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, five hundred and ninety-eight thousand one hundred and forty dollars.

For pay of officers prescribed by law, on the retired list: For one major-general, seven brigadier-generals, two colonels, seven lieutenant-colonels, five majors, six captains, seven first lieutenants, and four second lieutenants, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, one hundred and fifteen thousand dollars.

Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good-conduct medals, pins, or bars, and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore, one million eight hundred and eighty-three thousand five hundred and fifty-five dollars and twenty cents: *Provided*, That hereafter privates regularly detailed and serving as cooks, shall receive, in addition to the pay otherwise allowed by law, the following: First-class cooks, ten dollars per month; second-class cooks, eight dollars; third-class cooks, seven dollars; and fourth-class cooks, five dollars.

Pay and allowance of retired enlisted men: For two sergeant-majors, one drum-major, seven gunnery-sergeants, eleven quartermaster-sergeants, twelve first sergeants, thirty-seven sergeants, five corporals, thirteen first-class musicians, one drummer, one trumpeter, and thirty-five privates, and for those who may be retired during the fiscal year, sixty-seven thousand four hundred and twenty-two dollars.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, eighty-five thousand five hundred and sixty-nine dollars and ninety-eight cents.

Mileage: For mileage to officers traveling under orders without troops, forty thousand dollars;

For commutation of quarters of officers on duty without troops where there are no public quarters, twenty thousand dollars;

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents;

In the office of the paymaster: One chief clerk, at one thousand six

hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars;

In the office of each assistant paymaster: One clerk, at one thousand four hundred dollars;

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars;

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars;

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; two clerks, at one thousand two hundred dollars each; one draftsman, at one thousand six hundred dollars;

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand four hundred dollars each; two clerks, for duty in the Philippine Islands, one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each;

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars;

In all, for pay of civil force, thirty thousand three hundred and eleven dollars and twenty-eight cents; and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund;

For interest on soldiers' deposits, four thousand dollars, and so much as may be necessary to refund such deposits.

In all, pay Marine Corps, two million eight hundred and forty-three thousand nine hundred and ninety-eight dollars and forty-six cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for subsistance of enlisted men when traveling on duty, or cash in lieu thereof, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, five hundred and forty-eight thousand five hundred and three dollars; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, six hundred thousand nine hundred and twenty dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, eighty thousand dollars.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at four dollars per day; one mechanic, at three dollars per day; two mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet

scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges; for incidental expenses of the School of Application; for the construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; for the establishment and maintenance of targets and ranges, and renting ranges, and for entrance fees in competitions; and for procuring, preserving, and handling ammunition, and other necessary military supplies, two hundred and twenty-five thousand seven hundred and eighty-two dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage and transfers en route, or cash in lieu thereof, and the expense of the recruiting service, one hundred and eighty-six thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Boston, Massachusetts; Narragansett Station, Rhode Island; New York, New York; League Island, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal and Charleston, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington, and Sitka, Alaska; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Territory of Hawaii, the Philippine Islands, at Guam, the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, seventy-eight thousand eight hundred and thirty-six dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the Quartermaster's Department, and the authorized number of officers' horses, seventeen thousand seven hundred dollars.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster and quartermaster, and the offices of the assistant adjutant and inspectors, the assistant paymasters, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, fifty-one thousand five hundred and forty-eight dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of marines, including the transportation of bodies from the place of demise to the homes of the deceased in the United States, stationery and other paper, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of strag-

glers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons, and medicines for public horses; purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades; purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves; laying drain, water, and gas pipes; water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, two hundred and eighty thousand eight hundred dollars.

Total under quartermaster, Marine Corps, two million seventy thousand and eighty-nine dollars.

Total Marine Corps, four million nine hundred and fourteen thousand eighty-seven dollars and forty-six cents.

INCREASE OF THE NAVY.

That, for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed, by contract or in navy-yards, as hereinafter provided, one first class battle ship to cost, exclusive of armor and armament, not exceeding six million dollars, similar in all essential characteristics, and additional to, the battle ship authorized by the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, plans and specifications for which last-named vessel have already been prepared and submitted by the Secretary of the Navy for the information of Congress, as required by the provisions of the aforesaid Act.

Two torpedo boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed eight hundred thousand dollars each: *Provided*, That the cost of the three torpedo boat destroyers provided for in the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, exclusive of armament, shall not exceed eight hundred thousand dollars each.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their

engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms of said Act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and of the vessels provided for in this Act and the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes, not more than one battle ship and one torpedo boat destroyer, or two torpedo boat destroyers, shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

That the provision in the Naval Appropriation Act approved June twenty-ninth, nineteen hundred and six, authorizing the Secretary of the Navy to contract for subsurface or submarine boats after certain tests to be completed by March twenty-ninth, nineteen hundred and seven, is hereby amended, in accordance with the recommendation of the Secretary of the Navy, so as to extend the test period until May twenty-ninth, nineteen hundred and seven; and the limit of cost provided for in the authorization aforesaid is hereby increased to three million dollars, and the sum of one million dollars, which includes the half million dollars heretofore appropriated, is hereby appropriated, and to remain available until expended, no part of this appropriation to be expended for any boat that does not in such test prove to be equal in the judgment of the Secretary of the Navy to the best boat now owned by the United States or under contract therefor, and no penalties under this limitation shall be imposed by reason of any delay in the delivery of said boat due to the submission or participation in the comparative trials aforesaid.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twelve million seven hundred and thirteen thousand nine hundred and fifteen dollars.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, ten million dollars.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, five hundred thousand dollars.

Total increase of the Navy, twenty-three million seven hundred and thirteen thousand nine hundred and fifteen dollars.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington unless specific *authority* be given for such expenditure.

Approved, March 2, 1907.

SIXTIETH CONGRESS, FIRST SESSION—MAY 13, 1908.

[PUBLIC—No. 115.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and nine, and for other purposes.

PAY OF THE NAVY.

Pay and allowances prescribed by law of officers on sea duty and other duty; officers on waiting orders; officers on the retired list; clerks to commandants of yards and stations, clerks to paymasters at yards and stations, general storekeepers, receiving ships, and other vessels; two clerks to general inspectors of pay corps; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, warrant machinists, pharmacists, and mates, and also naval constructors and assistant naval constructors; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops; pay of enlisted men on the retired list; extra pay to men reenlisting under honorable discharge; interest on deposits by men; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force, and men detailed for duty with Naval Militia, and for the Fish Commission, forty-two thousand men; three thousand of the additional men herein authorized may be recruited upon the passage of this Act; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement; and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year; and two thousand five hundred apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, thirty million nine hundred and seventy-four thousand two hundred and twenty-five dollars.

Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service, and the annual pay of each grade shall be as follows: For Admiral, thirteen thousand five hundred dollars; rear-admiral, first nine, eight thousand dollars; rear-admiral, second nine, or commodore, six thousand dollars; captain, four thousand dollars; commander, three thousand five hundred dollars; lieutenant-commander, three thousand dollars; lieutenant, two thousand four hundred dollars; lieutenant, junior grade, two thousand dollars; ensign, one thousand seven hundred dollars. There shall be allowed and paid to each commis-

sioned officer below the rank of rear-admiral ten per centum of his current yearly pay for each term of five years service in the Army, Navy and Marine Corps. The total amount of such increase for length of service shall in no case exceed forty per centum on the yearly pay of the grade as provided by law: *Provided*, That the annual pay of captain shall not exceed five thousand dollars per annum; of commander, four thousand five hundred dollars per annum; and of lieutenant-commander, four thousand dollars per annum. All officers on sea duty and all officers on shore duty beyond the continental limits of the United States shall while so serving receive ten per centum additional[a] of their salaries and increase as above provided, and such increase shall commence from the date of reporting for duty on board ship or the date of sailing from the United States for shore duty beyond the seas or to join a ship in foreign waters. The pay of midshipmen shall hereafter be six hundred dollars per annum while at the Naval Academy, and one thousand four hundred dollars per annum after graduation from the Naval Academy. The pay of all warrant officers and mates is hereby increased twenty-five per centum, and all paymasters' clerks shall, while on duty, receive the same pay and allowances as warrant officers of like length of service in the Navy. The pay of all active and retired enlisted men of the Navy is hereby increased ten per centum: *Provided further*, That the pay and allowances of chiefs of bureaus in the Navy Department shall be the highest pay of the grade to which they belong, and not below that of rear-admiral of the lower nine, and that the pay and allowances of chaplains in the Navy shall in no case exceed that provided for lieutenant-commanders. Aids to rear-admirals embraced in the nine lower numbers of that grade shall each receive one hundred and fifty dollars additional per annum, and aids to all other rear-admirals, two hundred dollars additional per annum each. When an officer of the Navy has been thirty years in the service, he may, upon his own application, in the discretion of the President, be retired from active service and placed upon the retired list with three-fourths of the highest pay of his grade: *And provided further*, That any officer of the Navy who is now serving or shall hereafter serve as chief of a bureau in the Navy Department, and shall subsequently be retired, shall be retired with the rank, pay and allowances authorized by law for the retirement of such bureau chief. The pay of all commissioned, warrant and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned, warrant and appointed officers and enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by Act of Congress. Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant or appointed officer or any enlisted man of the active or retired lists of the Navy, and all laws inconsistent with this provision are hereby repealed.

That hereafter immediately upon official notification of the death from wounds or disease contracted in line of duty of any officer or enlisted man on the active list of the Navy and Marine Corps the Paymaster-General of the Navy shall cause to be paid to the widow of such officer or enlisted man, or any person previously designated by

[a] "In computing the pay of retired officers of the Navy, the ten per cent additional pay allowed for sea duty or for shore duty beyond the continental limits of the United States shall not be included, and the pay of commodore shall be the same in all respects as that of rear-admiral, second nine."—*Deficiency act*, May 30, 1908.

him, an amount equal to six months' pay at the rate received by such officer or enlisted man at the date of his death, less seventy-five dollars in the case of an officer and thirty-five dollars in the case of an enlisted man, to defray expenses of interment, and the residue, if any, of the amount reserved shall be paid subsequently to the designated person. The Secretary of the Navy shall establish regulations requiring each officer and enlisted man to designate the proper person to whom this amount shall be paid in case of death, and said amount shall be paid to that person from funds appropriated for the pay of the Navy and Marine Corps.

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount in money of all pay under the provisions of this Act and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

The estimates for the support of the Navy shall hereafter show, under the head of Pay of the Navy, the sums allowed for pay of officers belonging to the line, to the several departments of the staff, and to the retired list; the estimates to show under each head the amount allowed for pay proper, for increases due to longevity and foreign service, and for pay at sea rates to officers employed on shore; together with the total number of warrant and petty officers and seamen of the several grades and designations, including as to each class the amount allowed for pay proper and for longevity or service increases. The estimates shall include a list giving the rates of pay for all petty officers and other enlisted men of the Navy.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage; tolls, and costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, in maintenance of students and attachés and information from abroad, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, post-office box rentals; and other necessary and incidental expenses, seven hundred and twenty-three thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, sixty-five thousand dollars: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and nine.

BUREAU OF NAVIGATION.

Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen at home and abroad, with subsistence and transfers en route, or cash in lieu thereof, transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, four hundred and seventy-five thousand dollars.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, one hundred and thirty thousand dollars: *Provided*, That no part of this appropriation shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen, unless a certificate of birth or written evidence, other than his own statement or statement of another based thereon, satisfactory to the recruiting officer showing the applicant to be of age required by naval regulations, shall be presented with the application for enlistment.

Contingent: Advertising, ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials, and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, twelve thousand four hundred and sixty-two dollars.

Gunnery exercises: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation of civilian assistants and equipment to and from ranges, one hundred and thirty thousand dollars.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men, and apprentice seamen of the Navy on first enlistment, at not to exceed *sixty* dollars each, nine hundred thousand dollars.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval auxiliaries and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, five hundred and twenty-five thousand dollars.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen: *Provided*, That the sum of four thousand five hundred and sixty-four dollars and five cents is hereby appropriated for the equipment and maintenance of the dispensary, said sum to be immediately available; in all, sixty-five thousand two hundred and sixteen dollars and five cents.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; building and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, seventy-nine thousand five hundred and eleven dollars.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire extinguishers; heating, lighting, and furniture; stationery, books, and periodicals; washing; packing boxes and materials; and all other contingent expenses, twenty-nine thousand eight hundred and sixty dollars.

For clerical force in the office of commandant as follows: One clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one draftsman, at one thousand five hundred dollars; one subinspector, at one thousand five hundred dollars; one foreman of laborers, at one thousand two hundred dollars; one messenger, at five hundred and forty dollars; in all, six thousand nine hundred and forty dollars.

In all, naval training station, Great Lakes, thirty-six thousand eight hundred dollars.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance Naval War College on Coasters Harbor Island, and care of

for same, twelve thousand three hundred dollars; one draftsman, at one thousand two hundred dollars per year; services of a lecturer on international law, one thousand dollars; services of civilian lecturers rendered at the War College, six hundred dollars; two copyists, at nine hundred dollars each per year; purchase of books of reference, four hundred dollars; one librarian, one thousand four hundred dollars per year; in all, Naval War College, Rhode Island, eighteen thousand seven hundred dollars.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: One superintendent of grounds, at seven hundred and twenty dollars; one steward, at seven hundred and twenty dollars; one matron, at four hundred and twenty dollars; one beneficiaries' attendant, at two hundred and forty dollars; one chief cook, at four hundred and eighty dollars; one assistant cook, at three hundred and sixty dollars; one assistant cook, at two hundred and forty dollars; one chief laundress, at one hundred and ninety-two dollars; five laundresses, at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; one head waitress, at one hundred and ninety-two dollars; eight waitresses, at one hundred and sixty-eight dollars each; one kitchen servant, at two hundred and forty dollars; eight laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master at arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each; one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars; one painter, at eight hundred and forty-five dollars; one engineer for elevator and machinery, six hundred dollars; three laborers, at three hundred and sixty dollars each; three laborers, at three hundred dollars each; total for employees, fourteen thousand six hundred and fifty dollars.

Miscellaneous: Water rent and lighting, two thousand one hundred dollars; cemetery, burial expenses, and headstones, eight hundred dollars; improvement of grounds, seven hundred and eighty dollars; repairs to buildings, boilers, furnances, and furniture, six thousand seven hundred and forty-eight dollars; music in chapel, six hundred dollars; transportation of indigent and destitute beneficiaries to the Naval Home, one hundred dollars; support of beneficiaries, forty-four thousand three hundred and seventy-three dollars; total miscellaneous, fifty-five thousand five hundred and one dollars.

In all, for Naval Home, seventy thousand one hundred and fifty-one dollars, which sum shall be paid out of the income from the naval pension fund: *Provided*, That for the performance of such additional services in and about the Naval Home as may be necessary, the Secretary of the Navy is authorized to employ, on the recommendation of the governor, beneficiaries in said Home, whose compensation shall be fixed by the Secretary and paid from the appropriation for the support of the Home.

For badges and ribbons to be distributed by the Secretary of the Navy to officers and men of the Navy and Marine Corps who have participated in engagements and campaigns deemed worthy of such commemoration, three thousand five hundred dollars.

That the use of irons, single or double, as a form of punishment in the Navy of the United States is hereby abolished, except for the purposes of safe custody or when part of the sentence imposed by a general court-martial.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for watchmen at magazines, powder factories, and powder depots; for furniture in ordnance buildings at navy-yards and stations; for maintenance of the proving ground and powder factory, and for target practice, four million five hundred thousand dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standard prescribed by the Secretary of the Navy.

Ammunition and other supplies for ships, two million seven hundred and fifty thousand dollars: *Provided*, That the Secretary of the Navy is hereby authorized to utilize all ammunition and other supplies already on hand under the appropriations "Increase of the Navy; Armor and Armament," "Reserve Ammunition," and "Reserve Powder and Shell," for general issue to ships in commission, as though purchased from this appropriation: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

Purchase and manufacture of smokeless powder, six hundred and fifty thousand dollars.

Machine tools, navy-yard, New York, and magazine, Dover, New Jersey, ten thousand dollars.

Machine tools, navy-yard, Mare Island, California, fifty thousand dollars.

One five-ton auxiliary hoist, building numbered one hundred and eleven, navy-yard, Mare Island, California, three thousand five hundred dollars.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, one hundred and fifty thousand dollars.

NEW BATTERIES FOR SHIPS OF THE NAVY: For completing the work of modifying four-inch forty-caliber mounts, and providing new sights; and for modifying five-inch forty-caliber mounts, and providing new sights for same, sixty thousand dollars.

For replacing three-pounder and six-pounder guns, mounts, and sights on board battle ships and armored cruisers by three-inch fifty-caliber, or larger, guns, mounts, and sights, four hundred and fifteen thousand dollars.

For replacing eight-inch Mark V guns (forty-caliber) with eight-inch Mark VI guns (forty-five caliber) on United States ship "Maryland" and class (twenty guns), two hundred and fifty thousand dollars.

To reline and convert twelve-inch Mark III guns to mark IV guns, three hundred and fifty thousand dollars.

For replacing Mark IX Modern two-firing locks with Mark X firing locks on five-inch and six-inch guns, forty-five thousand dollars.

For fire-control instruments for ships, three hundred thousand dollars.

TORPEDOES, AND CONVERTING TORPEDO BOATS: For converting twenty torpedo boats from boats using three and fifty-five one-hundredths meter, to boats using five-meter torpedoes, and for the purchase and manufacture of torpedoes, six hundred and fifty thousand dollars.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, three hundred thousand dollars.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor, material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, furniture, experiments, and general torpedo outfits, seventy thousand dollars.

ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, signal outfits, boats and their equipment, fuel and clothing, and the printing or purchase of necessary books of instruction for the Naval Militia of the various States, under such regulations as the Secretary of the Navy may prescribe, one hundred thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other items of like character, thirty thousand dollars.

MISCELLANEOUS, BUREAU OF ORDNANCE: For miscellaneous items, namely: Advertising, cartage, expenses of light and water at magazines and stations; tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, fourteen thousand and sixty-six dollars.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: Navy-yard, Portsmouth, New Hampshire: For one writer, at one thousand dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand two hundred dollars.

Torpedo Station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; in all, five thousand two hundred dollars.

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars.

Navy-yard, Philadelphia, Pennsylvania: For one clerk, at one thousand two hundred dollars.

Navy-yard, Washington, District of Columbia: For one chemist, at two thousand two hundred dollars; two foremen of Gun Factory, at two thousand two hundred dollars each; one ordnance engineer and computer, three thousand dollars; one chief clerk, at one thousand six hundred dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; one clerk, at one thousand six hundred dollars; three writers, at one thousand and seventeen dollars and seventy-five cents each; one draftsman, at one thousand eight hundred dollars; three draftsmen, at one thousand and eighty one dollars each; one assistant draftsman, at seven hundred and seventy two dollars; two copyists, at seven hundred and twenty dollars each; one telegraph operator and code at one thousand dollars; *in all*, twenty seven thousand one hundred dollars and seventy-five cents.

Naval proving ground, Indian Head, Maryland: For one clerk, at one thousand two hundred dollars; one foreman of powder factory, two thousand dollars; one chemist for powder factory, two thousand five hundred dollars; one assistant chemist for powder factory, two thousand dollars.

In all, seven thousand seven hundred dollars.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars.

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars.

In all, civil establishment, Bureau of Ordnance, forty-seven thousand two hundred and six dollars and seventy-five cents.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: For hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; water for all purposes on board naval vessels, including the expenses of transportation and storage of the same; stationery for chaplains and for commanding and navigating officers of ships, equipment officers on shore and afloat, and for the use of courts-martial on board ship; the removal and transportation of ashes from ships of war; interior appliances and tools for equipment buildings in navy-yards and naval stations; supplies for seamen's quarters; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments, and repairs to same; libraries for ships of war, professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely, signals, lights, lanterns, rockets, and running lights; compass fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; service and supplies for coast-signal service; bunting and other materials for making and repairing flags of all kinds; photographs, photographic instruments, and materials; musical instruments and music; installing, maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other bureaus, three million seven hundred and fifty thousand dollars.

EQUIPMENT MACHINERY PLANTS: For the purchase and installation of the necessary machinery and tools in the following equipment buildings which have been appropriated for and are nearing completion:

Equipment building at Charleston, fifty thousand dollars;

Equipment building at New Orleans, twenty-five thousand dollars;
Equipment building at Pensacola, twenty-five thousand dollars;
In all, equipment machinery plants, one hundred thousand dollars.

COAL AND TRANSPORTATION: Purchase of coal and other fuel for steamers' and ships' use, and other equipment purposes, including expenses of transportation, storage, and handling the same, and for the general maintenance of naval coaling depots and coaling plants, five million dollars.

CONTINGENT, BUREAU OF EQUIPMENT: Packing boxes and materials, printing, advertising, books, and models; stationery; furniture for equipment of offices in navy-yards; ferriage and emergencies arising under cognizance of the Bureau of Equipment unforeseen and impossible to classify, eleven thousand eight hundred and twenty-one dollars.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, and for the purchase of nautical books, charts, and sailing directions, seventy-five thousand dollars.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes, authorizing the Secretary of the Navy to establish at such places as he may deem necessary, suitable depots for coal and other fuel for the supply of steamships of war, four hundred and fifty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars; one writer, nine hundred and fifty dollars; in all, two thousand one hundred and fifty dollars.

Navy yard, Boston, Massachusetts: For one superintendent of rope-walk, at two thousand dollars; one clerk, at one thousand four hundred dollars; one clerk, at one thousand three hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one civil superintendent of chain shop, two thousand dollars; one civil superintendent of anchor shop, two thousand dollars; in all, eleven thousand eight hundred dollars.

Navy yard, New York, New York: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand two hundred dollars; two writers, at nine hundred and fifty dollars each; one clerk in charge of distribution of books, at one thousand two hundred dollars; in all, five thousand seven hundred dollars.

Navy yard, Philadelphia, Pennsylvania: For one clerk, at one thousand four hundred dollars; one clerk, at one thousand dollars; in all, two thousand four hundred dollars.

Navy yard, Washington, District of Columbia: For one clerk, who shall also perform the clerical duties for the board of labor at said navy yard, one thousand six hundred dollars.

Navy yard, Norfolk, Virginia: For two clerks, at one thousand two hundred dollars each; one writer, at nine hundred and fifty dollars; in all, three thousand three hundred and fifty dollars.

Naval station, Port Royal, South Carolina: One clerk, one thousand dollars.

Navy yard, Pensacola, Florida: One clerk, one thousand dollars.

Naval station, Key West, Florida: One clerk, one thousand dollars.

Navy yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; one clerk, at one thousand dollars; one writer, at nine hundred and fifty dollars; in all, three thousand one hundred and fifty dollars.

Navy-yard, Puget Sound, Washington: One clerk, one thousand dollars; one clerk, one thousand dollars; in all, two thousand dollars.

Naval station, Cavite, Philippine Islands: One master electrician, one thousand eight hundred and seventy-eight dollars; one clerk, one thousand dollars; in all, two thousand eight hundred and seventy-eight dollars.

In all, civil establishment, Bureau of Equipment, thirty-eight thousand and twenty-eight dollars.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of oxen, horses, and driving teams; carts, timber wheels, and all vehicles for use in the navy-yards; tools and repairs of the same; stationery; furniture for Government houses and offices in navy-yards; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy-yards; water tax, tolls, and ferriage; pay of watchmen in navy-yards; awnings and packing boxes, and advertising for yards and docks and other purposes; and for rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Wolverine, and for pay of employees on leave, one million two hundred and fifty thousand dollars.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, thirty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand four hundred dollars; one mail messenger at two dollars per diem, including Sundays; one messenger, at six hundred dollars; one foreman laborer and head teamster, at four dollars per diem, including Sundays; one janitor, at six hundred dollars; one pilot, at three dollars per diem, including Sundays; one draftsman, at four dollars per diem; one electrician, one thousand four hundred dollars; one stenographer and typewriter, one thousand dollars; one writer, nine hundred dollars; one telegraph operator and clerk, nine hundred dollars; one draftsman, one thousand two hundred dollars; one master of tugs, one thousand two hundred dollars; in all, thirteen thousand seven hundred and fifty dollars.

Navy-yard, Boston, Massachusetts: For one clerk, at one thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at two dollars per diem; one messenger, at two dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one writer, at one thousand and seventeen dollars and twenty-five cents; one draftsman, at five dollars per diem; one master of tugs, at one thousand two hundred dollars; one electrician, at one thousand four hundred dollars; one stenographer and typewriter, at three dollars and twenty-eight cents per diem; one bookkeeper, one thousand two hundred dollars; in all, twelve thousand and sixty-one dollars and seventeen cents.

Navy-yard, New York, New York: For one clerk, at one thousand four hundred dollars; one time clerk, one thousand and seventeen dollars and twenty-five cents; one yard pilot, two thousand dollars; two masters of tugs, at one thousand five hundred dollars each; two writers, at one thousand eight hundred dollars; one foreman laborer, at four dollars and fifty cents per diem; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars and twenty-five cents per diem each; one draftsman, at five dollars per diem; one quarterman, at three dollars per diem; one superintendent of teams, or quarterman, at four dollars per diem, including Sundays; one messenger to commandant, at two dollars and twenty-five cents per diem, including Sundays; one messenger, yards and docks, at two dollars and twenty-five cents per diem; one stenographer and typewriter, at three dollars and twenty-six cents per diem; one electrician, at one thousand four hundred dollars; one bookkeeper, or accountant, at one thousand two hundred dollars; one master of tugs, one thousand five hundred dollars; in all, twenty-three thousand one hundred and ninety-six dollars and eighty-nine cents.

Naval station, Sacketts Harbor, New York: For one ship keeper in charge, at three hundred and sixty-five dollars per annum.

Navy-yard, Philadelphia, Pennsylvania: For one clerk, at one thousand four hundred dollars; one writer and telegraph operator, at one thousand dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one master of tugs, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one master of tugs, at one thousand dollars; one foreman joiner, at four dollars per diem; one stenographer and typewriter, civil engineer's office, one thousand dollars; in all, twelve thousand four hundred and forty-two dollars.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand four hundred dollars; one messenger, at two dollars per diem; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one time clerk, nine hundred dollars; in all, six thousand six hundred dollars and sixty-nine cents.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one writer, at one thousand dollars; one foreman laborer, at four dollars per diem; one electrician, at one thousand four hundred dollars; one mail messenger, at two dollars per diem, including Sundays; two messengers, at two dollars per diem each; one pilot, at nine hundred dollars; one master of tugs, at one thousand two hundred dollars; one draftsman, one thousand five hundred dollars; one bookkeeper, one thousand two hundred dollars; one foreman mechanic, at four dollars and twenty-four cents per diem; one foreman of teams, at two dollars and twenty-four cents per diem; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays; one stenographer and typewriter, civil engineer's office, one thousand two hundred dollars; in all, sixteen thousand eight hundred and twenty seven dollars and ninety-seven cents.

Navy yard, Charleston, South Carolina: Commandant's office: One stenographer and typewriter, at three dollars and four cents per diem;

one writer and telegraph operator, at two dollars per diem, including Sundays; one mail messenger, at two dollars per diem, including Sundays; one messenger and janitor, at one dollar and fifty-two cents per diem, including Sundays. Civil engineer's office: One clerk, at one thousand three hundred dollars; one stenographer, at two dollars and eighty cents per diem; one messenger, at one dollar and fifty-two cents per diem; in all, five thousand six hundred and thirty-one dollars and thirty-six cents.

Navy-yard, Pensacola, Florida: For one clerk, at one thousand two hundred dollars; one mail messenger, at two dollars per diem, including Sundays; one electrician, at one thousand four hundred dollars; one draftsman, at four dollars per diem; one foreman laborer, at three dollars and fifty-two cents per diem; one stenographer, typewriter, and telegraph operator, at three dollars and four cents per diem; one writer, at two dollars and eighty cents per diem; in all, seven thousand five hundred and twenty-seven dollars and four cents.

Naval station, Port Royal, South Carolina: One messenger and janitor, one dollar and fifty cents per diem; one telegraph operator, including Sundays, two dollars per diem; in all, one thousand two hundred and three dollars.

Naval station, Key West, Florida: For one mail messenger, at six hundred dollars; one clerk, at one thousand four hundred dollars; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; in all, two thousand six hundred and forty-four dollars and sixteen cents.

Naval station, New Orleans, Louisiana: For one clerk, at one thousand two hundred dollars; one rodman and inspector, at three dollars per diem; one messenger and janitor, at one dollar and fifty cents per diem, including Sundays; one stenographer and typewriter, civil engineer's office, at nine hundred and fifty dollars; one messenger and janitor, civil engineer's office, at two dollars per diem, including Sundays; one foreman laborer, at one thousand two hundred dollars; one draftsman, at one thousand five hundred dollars; one messenger, commandant's office, at two dollars per diem, including Sundays; in all, seven thousand eight hundred and five dollars.

Navy-yard, Mare Island, California: For one clerk, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; one foreman mason, at six dollars per diem; one foreman laborer, at five dollars and fifty cents per diem; one pilot, at one thousand five hundred dollars per annum; one draftsman, at five dollars per diem; one mail messenger, at two dollars per diem, including Sundays; one messenger, at two dollars per diem; one electrician, at one thousand four hundred dollars; one foreman joiner, at four dollars and fifty-six cents per diem; one telegraph operator, at three dollars and twenty-eight cents per diem; one clerk in civil engineer's office, at one thousand dollars; in all, fifteen thousand three hundred dollars and one cent.

Navy-yard, Puget Sound, Washington: One clerk, at one thousand two hundred dollars; one draftsman, at five dollars per diem; one messenger and janitor, at one dollar and seventy-six cents per diem, including Sundays; one master of tugs, at one thousand two hundred dollars; one copyist, at nine hundred dollars; one electrician, at one thousand two hundred dollars; one writer and telegraph operator, at nine hundred dollars; one stenographer and typewriter, civil engineer's

office, at one thousand dollars; one writer, at nine hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman carpenter, at four dollars and fifty cents per diem, one thousand four hundred and four dollars; in all, eleven thousand four hundred and seventy-nine dollars and eighty cents.

Naval station, San Juan, Porto Rico: One clerk, one thousand two hundred dollars; one writer, commandant's office, nine hundred and sixty dollars; one mail messenger, four hundred and twenty dollars; one foreman, one thousand one hundred dollars; in all, three thousand six hundred and eighty dollars.

Naval station, Hawaii: One writer, at one thousand and seventeen dollars and twenty-five cents per annum; one messenger, at two dollars per diem, including Sundays; in all, one thousand seven hundred and forty-nine dollars and twenty-five cents.

Naval station, Cavite, Philippine Islands: One clerk, one thousand two hundred dollars; one time clerk, four hundred and eighty dollars; one writer, three hundred and sixty dollars; one messenger, two hundred and forty dollars; one messenger, one hundred and eighty dollars; one clerk, commandant's office, seven hundred and twenty dollars; one messenger, commandant's office, one hundred and eighty dollars; in all, three thousand three hundred and sixty dollars.

Naval station, Guam: One clerk, one thousand six hundred dollars; one foreman machinist, one thousand six hundred dollars; one messenger and janitor, six hundred dollars; in all, three thousand eight hundred dollars.

In all, civil establishment, Bureau of Yards and Docks, one hundred and forty-nine thousand six hundred and fifty-two dollars and ninety cents.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Sewer system, extension, six thousand five hundred dollars; to complete blasting in front of quay wall, sixty thousand dollars; storehouse for combustibles, thirty thousand one hundred dollars; railroad extension, ten thousand dollars; heating system, extension, twenty thousand dollars; electric plant, extension, twenty thousand dollars; steam main central power plant to steam engineering plant, nine thousand dollars; naval prison extension, sixty-five thousand dollars; quay walls, extension, twenty-five thousand dollars; in all, two hundred and forty-five thousand six hundred dollars.

NAVY-YARD, BOSTON, MASSACHUSETTS: Railroad rolling stock, three thousand dollars; telephone system, extensions, two thousand dollars; repairs to pier numbered one, five thousand dollars; power plant, extensions, one hundred and fifty thousand dollars; railroad system, extensions, seven thousand dollars; underground conduit system, extension, thirty thousand eight hundred dollars; in all, navy-yard, Boston, one hundred and ninety-seven thousand eight hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Electric plant, extensions, forty thousand dollars; underground conduits, extension, twenty-five thousand dollars; central power plant, one hundred and fifteen thousand dollars; railroad equipment, additional, five thousand dollars; sewers and drains, fifteen thousand dollars; railroad system, extensions, fifteen thousand dollars; repairs to roofs of buildings, twenty thousand dollars; telephone system, extensions, twelve thousand dol-

lars; reconstructing roof, power house numbered forty-one, thirty-three thousand dollars; extending chemical laboratory, six thousand dollars; in all, navy-yard, New York, New York, two hundred and eighty-six thousand dollars: *Provided*, That the Secretary of the Navy is hereby authorized to expend toward the general improvement of the water front at the navy-yard, New York, New York, the unexpended balance of the appropriation made by the Act approved June seventh, nineteen hundred, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and one, and for other purposes, for the construction of a bascule bridge at said navy-yard: *Provided further*, That the limit of cost of dry dock numbered four at the navy-yard, New York, New York, is hereby fixed at one million five hundred thousand dollars, and the Secretary of the Navy is authorized, in his discretion, to construct said dry dock by contract or day labor, or both, as he may deem to be for the best interests of the Government.

NAVY-YARD, PHILADELPHIA, PENNSYLVANIA: Shelves and wall cases, and so forth, for building numbered four, Supplies and Accounts storehouse, twelve thousand dollars; extension to railroad system, ten thousand dollars; extension of electric conduit system, eight thousand dollars; central power plant, extension, one hundred and fifty thousand dollars; equipment for railroad, five thousand dollars; raising and repairing mess hall at camp, five thousand dollars; in all, navy-yard, Philadelphia, one hundred and ninety thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Quay wall, to complete, twenty-five thousand dollars; storage bins for perishable material, six thousand dollars; machinery for power-plant extension, twelve thousand dollars; electric-light plant extension, five thousand dollars; in all, forty-eight thousand dollars.

NAVY-YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, fifteen thousand dollars; telephone system, extensions, seven thousand dollars; electric plant, extensions, fifty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; central power plant, to complete, two hundred thousand dollars; dredging, to continue, fifty thousand dollars; railroad rolling stock, ten thousand dollars; extension of wharf at dry dock numbered three, fifty thousand dollars; heating system, entensions, ten thousand dollars; compressed-air system, extensions, ten thousand dollars; dry kiln for construction and repair, seven thousand five hundred dollars; renew roof of foundry, building numbered twenty-two, steam engineering, eight thousand dollars; new roof and crane for building numbered twenty-three, steam engineering, sixty thousand dollars; elevator in buildings numbered eleven, thirteen, fourteen, seventeen, and thirty-three, twenty thousand dollars; naval supply storehouse (to cost four hundred and fifty thousand dollars) fifty thousand dollars; improvements to building numbered sixteen, complete, twenty-five thousand dollars; heating building numbered thirty-seven, steam engineering, seven thousand five hundred dollars; improvements to water front, one hundred thousand dollars; in all, navy-yard, Norfolk, Virginia, seven hundred and five thousand dollars.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Sewer system, extension, five thousand dollars; heating system, extensions, ten thousand dollars; completing power plant, seventy thousand dollars; slips for torpedo boats, fifty thousand dollars; elevator and interior fittings,

building numbered seven, seventeen thousand dollars; paving and grading (to continue), ten thousand dollars; clearing yard, five thousand dollars; in all, navy-yard, Charleston, South Carolina, one hundred and sixty-seven thousand dollars.

NAVY-YARD, PENSACOLA, FLORIDA: Machinery for central power plant, fifteen thousand dollars; water system, ten thousand dollars; railroad track and equipment, ten thousand dollars; tools for yards and docks, one thousand eight hundred dollars; in all, navy-yard, Pensacola, thirty-six thousand eight hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Drainage system, to continue, five thousand dollars; central heating plant, extension, ten thousand dollars; underground conduit system, five thousand dollars; improvements to machine shop, building numbered four, six thousand dollars; sewer system, extensions, five thousand dollars; improvements to River Front, twenty-five thousand dollars; in all, navy-yard, New Orleans, fifty-six thousand dollars.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, ten thousand dollars; telephone system, extensions, two thousand dollars; central power plant at Mare Island Navy-Yard, California, one hundred thousand dollars; grading and paving, extension, fifteen thousand dollars; quay wall, extension, fifty thousand dollars; new elevators in buildings numbered sixty-nine and seventy-one, four thousand dollars; dredging, ten thousand dollars; improvement of channel in Mare Island Strait, to continue, twenty thousand dollars; in all, navy-yard, Mare Island, two hundred and eleven thousand dollars.

NAVY-YARD, PUGET SOUND, WASHINGTON: Electric-light plant, extensions, five thousand dollars; water system, extensions, twelve thousand dollars; heating system, extensions, six thousand dollars; stone and concrete dry dock, to continue (to cost two million dollars), one hundred thousand dollars; sewer system, extensions, three thousand dollars; telephone system, extensions, three thousand dollars; railroad and equipment, extensions, ten thousand dollars; central power plant, extensions, two hundred and eighty thousand dollars; hardwood lumber shed, twenty thousand dollars; water-closet for ships in dock, twelve thousand dollars; oil house, thirty thousand dollars; dry kiln, six thousand dollars; underground conduit system, fifteen thousand dollars; electric elevator and fittings, building numbered fifty-nine, eight thousand dollars; foundry for all departments (to cost one hundred and seventy-five thousand dollars), fifty thousand dollars; in all, navy-yard, Puget Sound, Washington, five hundred and sixty thousand dollars.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Toward the improvement and development of the Naval Station, Olongapo, Philippine Islands, one hundred thousand dollars. The Secretary of the Navy is hereby authorized to expend, without limitation as to quantities and unit prices, the various amounts appropriated by the Act approved April twenty-seventh, nineteen hundred and four, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and five, and for other purposes," for the naval station, Olongapo, Philippine Islands, for the respective improvements therein named.

NAVAL STATION, ISLAND OF GUAM: Dredging, three thousand dollars; extension of naval-station roads, ten thousand dollars; water-supply system, ten thousand dollars; fire-protection system, seven thou-

sand five hundred dollars; extension of telephone system, one thousand five hundred dollars; in all, thirty-two thousand dollars.

NAVAL STATION, HONOLULU, HAWAII: Repairs to wharves, six thousand dollars.

NAVAL STATION, PEARL HARBOR, HAWAII: The Secretary of the Navy is hereby authorized and directed to establish a naval station at Pearl Harbor, Hawaii, on the site heretofore acquired for that purpose; and to erect thereat all the necessary machine shops, storehouses, coal sheds, and other necessary buildings, and to build thereat one graving dry dock capable of receiving the largest war vessels of the Navy, at a cost not to exceed two million dollars for said dry dock. The sums hereinafter stated are hereby appropriated and made immediately available, to be expended at the discretion of the Secretary of the Navy, to wit: Toward dredging an entrance channel of a depth of thirty-five feet, four hundred thousand dollars; toward construction of dry dock, three hundred thousand dollars; toward erecting machine shops (to cost three hundred thousand dollars), one hundred thousand dollars; storehouses (to cost three hundred thousand dollars), one hundred thousand dollars; toward yard development, one hundred thousand dollars; in all, one million dollars. That the Secretary of the Navy may, in his discretion, enter into contracts for any portion of the work, including material therefor, within the respective limits of cost herein stipulated, subject to appropriations to be made therefor by Congress, or may direct the construction of said works or any portion thereof under the supervision of a civil engineer of the Navy.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Extension of boat-storage shed, six thousand dollars; improvements to central wharf, five thousand dollars; receiving and shipping shed, five thousand five hundred dollars; improvements to buildings one, two, three, four H, six thousand dollars; improvements to building numbered twenty-nine, four thousand five hundred dollars; improvements to building numbered nine, three thousand five hundred dollars; lumber shed in building numbered eighty-four, one thousand seven hundred dollars; improvements to building numbered twenty-three, six thousand five hundred dollars; improvements to number one ways, sixteen thousand dollars; improvements to building numbered eighty-three, three thousand dollars; railroad system, extension, two thousand dollars; in all, fifty-nine thousand seven hundred dollars.

NAVAL STATION, CULEBRA, PORTO RICO: Clearing and cleaning station, one thousand five hundred dollars; cold-storage plant, four thousand dollars; improvements, water system, one thousand six hundred dollars; sewer system, two thousand dollars; fire-protection system, two thousand dollars; in all, eleven thousand one hundred dollars.

NAVAL STATION, TUTUILA: Dispensary and sick quarters, fifteen thousand dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Navy Department: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars.

REPAIRS AND PRESERVATION AT NAVY-YARDS: For repairs and preservation at navy-yards and stations, six hundred thousand dollars.

FLOATING DERRICKS: One one-hundred ton floating derrick (to cost two hundred and fifty thousand dollars), one hundred thousand dollars.

The Secretary of the Navy is hereby authorized to transfer from the navy-yard, Boston, Massachusetts, to and erect at the navy-yard, Portsmouth, New Hampshire, the one-hundred ton shears improved and repaired under the Acts approved July first, nineteen hundred and two, and March third, nineteen hundred and three, and the unexpended balances of the appropriations made by said Acts for the improvement of said shears are hereby reappropriated, and the further sum of two thousand four hundred dollars is hereby appropriated for this purpose.

Total public works, navy-yards and stations, four million six hundred and fifty-nine thousand four hundred dollars.

The Secretary of the Navy shall report to Congress, at the commencement of the next regular session, the amount of money expended on consolidation of power plants since the authorization for such consolidation was given, in nineteen hundred and four, such statement to be in detail for each navy-yard and to indicate amount expended for building and machinery separately; also to include a statement of the value of building and power plants at each navy-yard at the date of the above noted authorization; also the total amounts appropriated for power houses and power-plant extensions which had not been utilized on April twenty-seventh, nineteen hundred and four, the date of the authorization of the consolidations.

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For enlarging the water plant of the Naval Academy, enlarging the reservoir, installing additional pumps, filters, piping, and strainers; and for all other materials and labor for this purpose, forty thousand dollars.

For the erection of three fireproof buildings, to be used as magazines and filling house, and including necessary grading, walks, and landing stage, seven thousand dollars.

BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, fifteen thousand dollars; in all, fifteen thousand dollars.

Total public works under Secretary's office, sixty-two thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: Extension of wharf to which Pensacola is moored, twelve thousand dollars; pipe line and tank for dispensary, four thousand dollars; repairs to long wharf, nine thousand dollars; increase of electric plant, two thousand five hundred dollars; roads, grounds, and planting of trees, two thousand dollars; in all, twenty-nine thousand five hundred dollars.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Improving and grading grounds and roads, two thousand dollars; dredging channel and basin, three thousand dollars; steam-distributing lines, eight thousand two hundred and fifty dollars; increase of heating and lighting plant, fifteen thousand dollars; electric distributing and lighting system, to increase, eight thousand three hundred and forty dollars; receiving and disinfecting building, thirty thousand dollars; additional detention building, twenty thousand dollars; repairs to barracks "B," nine thousand eight hundred dollars; walks at detention barracks, two thousand dollars; water-closet buildings for workmen, one thousand

five hundred dollars; new wharf to Reina Mercedes, fifteen thousand dollars; for bakery, including scales, refrigerating plant, and necessary equipment to make the same suitable for use in connection with the training of bakers and cooks, twenty-five thousand dollars; in all, naval training station, Rhode Island, one hundred and thirty-nine thousand eight hundred and ninety dollars.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: To complete buildings in accordance with the provisions of the Act of Congress approved June twenty-ninth, nineteen hundred and six, seven hundred and fifty thousand dollars.

To complete electrical mains and conduits, heating mains and concrete conduits, heating station equipment, power plant equipment, water supply and sewage disposal, one hundred and ninety-three thousand one hundred dollars.

Furniture, commandant's quarters, three thousand five hundred dollars.

Furniture, six officers' quarters, nine thousand dollars.

For architect's fee of three and one-half per centum of estimated cost of buildings authorized by Act of Congress, approved June twenty-ninth, nineteen hundred and six, seventy thousand dollars.

For cost of inspection of public works, twenty-five thousand dollars.

For pile revetment and grading at site of sewage-disposal plant, thirty-five thousand dollars.

Construction of trestle to power house, ten thousand dollars.

In all, one million and ninety-five thousand six hundred dollars;

In all, public works, Bureau of Navigation, one million two hundred and sixty-four thousand nine hundred and ninety dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Providing and laying conduits for chronograph, bell, telephone and power lines, three thousand seven hundred and forty dollars; raising roof of powder-factory storehouse, and so forth, three thousand four hundred and forty dollars; concrete retaining wall, two thousand five hundred dollars; extending machine shop, two thousand and eighty dollars; tide bridge for loading barges, three thousand dollars; in all, naval proving ground, Indian Head, fourteen thousand seven hundred and sixty dollars.

Naval magazine, Fort Mifflin, Pennsylvania: Three filling houses, five thousand one hundred dollars; installation of watchman's clock system, two thousand dollars; to complete one building for marine guard, seven thousand five hundred dollars; in all, fourteen thousand six hundred dollars.

Naval magazine, Mare Island, California: One compressed air locomotive, three thousand five hundred dollars; one hoisting crane on wharf, two thousand dollars; new floors in buildings numbered A one, two, three, and four, six thousand dollars; in all, eleven thousand five hundred dollars.

Naval magazine, New York Harbor: For naval magazine, New York Harbor (Iona Island): Marine barracks, ten thousand dollars; in all, ten thousand dollars.

For naval magazine, navy-yard, Puget Sound, Washington: One fuze house, two thousand two hundred dollars; one observation magazine,

three thousand seven hundred and fifty dollars; one magazine, seven thousand dollars; one watchman's house, four thousand five hundred dollars; one stable, one thousand five hundred dollars; railroad system, fifteen thousand four hundred dollars.

In all, thirty-four thousand three hundred and fifty dollars.

Torpedo station, Newport, Rhode Island: Steel track, six hundred and fifty dollars; new water main across harbor, three thousand five hundred dollars; additional machinery for torpedo factory, fifty thousand dollars; in all, fifty-four thousand one hundred and fifty dollars.

NAVY-YARD, PENSACOLA, FLORIDA: For navy-yard, Pensacola, Florida: Construction of water tank tower, five thousand dollars.

NAVAL MAGAZINE, OLONGAPO, PHILIPPINE ISLANDS: For naval station, Olongapo, Philippine Islands: One chemical laboratory for testing smokeless powder, two thousand dollars; one set of quarters for inspector of ordnance and powder, six thousand dollars.

Total public works under Bureau of Ordnance, one hundred and fifty-two thousand three hundred and sixty dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Naval hospital, Annapolis, Maryland: For the erection of new wards, eighty-five thousand dollars.

Naval hospital, Norfolk, Virginia: For the renovation of the present hospital buildings and for the erection of new wards, to cost not to exceed two hundred thousand dollars, as authorized by the Act of Congress approved June twenty-ninth, nineteen hundred and six, one hundred thousand dollars.

Naval hospital, Great Lakes: For the erection of naval hospital buildings, to cost not to exceed two hundred and fifty thousand dollars, one hundred thousand dollars.

Naval hospital, Puget Sound, Washington: For the completion of naval hospital buildings, seventy-five thousand dollars, (total cost not to exceed one hundred and fifty thousand dollars,) as authorized by the naval Act of March second, nineteen hundred and seven.

Total public works under Bureau of Medicine and Surgery, three hundred and sixty thousand dollars.

PUBLIC WORKS, MARINE CORPS.

For the completion of marine barracks, navy-yard, Boston, Massachusetts, twenty thousand dollars.

For the completion of the storehouse, marine barracks, navy-yard, New York, New York, thirty thousand dollars.

Barracks and quarters, Marine Corps: To complete three officers' quarters, marine barracks, navy-yard, Philadelphia, Pennsylvania, fifteen thousand dollars.

To complete the quartermaster's depot, Philadelphia, Pennsylvania, the purchase of ground adjoining such building, and addition to depot, seventy thousand dollars.

For the completion of officers' quarters, marine barracks, navy-yard, Norfolk, Virginia, five thousand dollars.

Naval station, Charleston, South Carolina: For the completion of officers' quarters, twenty-five thousand dollars; and for marine barracks, fifty thousand dollars; in all, seventy-five thousand dollars.

To complete officers' quarters, marine barracks, navy-yard, Pensacola, Florida, five thousand dollars.

For installing electric lights and heating system, marine barracks, Sitka, Alaska, five thousand dollars.

For the completion of officers' quarters, naval station, Olongapo, Philippine Islands. ten thousand dollars; and for the construction and completion of amusement room and gymnasium for enlisted men, ten thousand dollars.

For the necessary repairs and improvements to such buildings at the naval station, New London, Connecticut, as have been assigned to the Marine Corps by the Navy Department, ten thousand dollars, which sum shall be in addition to the twenty-five thousand dollars appropriated for this object in the naval appropriation Act, approved June twenty-ninth, nineteen hundred and six.

In all, public works, Marine Corps, two hundred and fifty-five thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy-yards, naval laboratory, museum of hygiene, and department of instruction, and Naval Academy, two hundred and seventy thousand dollars.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls, ferriages, care, transportation, and burial of the dead; advertising, purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons, automobile-ambulances, and harness; purchase of and feed for horses and cows; trees, plants, garden tools and seeds; furniture and incidental articles for the museum of hygiene and department of instruction, naval dispensary, Washington, naval laboratory, sick quarters at Naval Academy and marine barracks, surgeons' offices and dispensaries at navy-yards and naval stations, surgeons' quarters at naval hospitals; washing for medical department at museum of hygiene and department of instruction, naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and marine barracks, dispensaries at navy-yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Museum of Hygiene and Department of Instruction; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, and all other necessary contingent expenses; in all, sixty thousand dollars.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes

the remains of civilian employees who die outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, forty-five thousand dollars.

In all, Bureau of Medicine and Surgery, three hundred and eighty-five thousand dollars.

The nurse corps (female) of the United States Navy is hereby established, and shall consist of one superintendent, to be appointed by the Secretary of the Navy, who shall be a graduate of a hospital training school having a course of instruction of not less than two years, whose term of office may be terminated at his discretion, and of as many chief nurses, nurses, and reserve nurses as may be needed: *Provided*, That all nurses in the nurse corps shall be appointed or removed by the Surgeon-General, with the approval of the Secretary of the Navy, and that they shall be graduates of hospital training schools having a course of instruction not less than two years. The appointment of superintendent, chief nurses, nurses, and reserve nurses shall be subject to an examination as to their professional, moral, mental, and physical fitness, and that they shall be eligible for duty at naval hospitals and on board of hospital and ambulance ships and for such special duty as may be deemed necessary by the Surgeon-General of the Navy. Reserve nurses may be assigned to active duty when the necessities of the service demand, and when on such duty shall receive the pay and allowances of nurses: *Provided*, That they shall receive no compensation except when on active duty. The superintendent, chief nurses, and nurses shall respectively receive the same pay, allowances, emoluments, and privileges as are now or may hereafter be provided by or in pursuance of law for the nurse corps (female) of the Army.

The pay of enlisted men of the Hospital Corps shall be the same as that provided for the corresponding ratings of the seaman branch and other staff corps of the Navy.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, and chief boatswains, chief gunners, chief sailmakers, chief carpenters), and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased under the naval supply fund; one chemist, at two thousand five hundred dollars per annum,

and two chemists, at two thousand dollars each per annum, and for the purchase of United States Army emergency rations, as required: *Provided*, That such stores as the Secretary of the Navy may designate may be procured and sold to officers and enlisted men of the Navy and Marine Corps, also to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe.

In all, six million nine hundred and thirty-one thousand one hundred and fifty-three dollars and seventy-five cents.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel, books and blanks, stationery, advertising, furniture and interior fittings for general storehouses and pay offices in navy-yards; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for same, tolls, ferriages, yeoman's stores, safes, newspapers, and other incidental expenses, one hundred and seventy thousand dollars.

Freight, Bureau of Supplies and Accounts: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Equipment, five hundred thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF SUPPLIES AND ACCOUNTS: Navy-yard, Portsmouth, New Hampshire: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one assistant clerk, at seven hundred and twenty dollars; one shipping and receiving clerk, at one thousand dollars; in all, five thousand eight hundred and forty dollars.

Navy-yard, Boston, Massachusetts: In general storehouses: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one shipping clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one bookkeeper, at one thousand two hundred dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, five thousand two hundred and thirty-four dollars and fifty cents.

Naval station, Newport, Rhode Island: In general storehouse (training station): One clerk, at one thousand two hundred dollars. In general storehouse (torpedo station): One clerk, at one thousand two hundred dollars; in all, two thousand four hundred dollars.

Navy-yard, New York, New York: In office of board of inspection: One writer, nine hundred dollars. In general storehouses: Three bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at one thousand dollars; one assistant bookkeeper, at seven hundred and twenty dollars; two receiving clerks, at four dollars each per diem; one assistant receiving clerk, at one thousand and ninety-nine dollars; three shipping clerks, at one thousand dollars each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two leading men, at two dollars and fifty cents each per diem; five pressmen, at two dollars and seventy-six cents each per diem; one box maker, at three dollars per diem; one engine tender, at three dollars and twenty-six cents per diem; one coffee roaster, at two dollars and fifty cents per diem; one fireman, at two dollars per diem; one messenger, at two dollars and twenty-five cents per diem; one writer, one thousand dollars; one storeman, nine hundred dollars; one principal clerk, provisions and clothing [illegible]tion one thousand four hundred dollars; one principal clerk, [illegible]

section, one thousand four hundred dollars; one cloth inspector, at four dollars per diem, one thousand two hundred and fifty-two dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; one messenger, at two dollars and twenty-five cents per diem; in all, thirty-two thousand two hundred and nineteen dollars and nine cents.

Navy-yard, Philadelphia, Pennsylvania: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; one assistant bookkeeper, at seven hundred and twenty dollars; one bill clerk, at one thousand dollars; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, seven thousand one hundred and thirty-seven dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: In general storehouse: One bookkeeper, at one thousand two hundred dollars; one clerk, at one thousand two hundred dollars; one receiving clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one shipping clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, six thousand four hundred and seventeen dollars and twenty-five cents.

Naval Academy, Annapolis, Maryland: In general storehouse: One bookkeeper, at one thousand and seventeen dollars and twenty-five cents; one receiving and shipping clerk, at one thousand dollars; in all, two thousand and seventeen dollars and twenty-five cents.

Navy-yard, Norfolk, Virginia: In general storehouses: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at one thousand and seventeen dollars and twenty-five cents each; one bill clerk, at one thousand dollars; one assistant bill clerk, at seven hundred and twenty dollars; two receiving clerks, at nine hundred and forty-two dollars each. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand and fifty-five dollars and seventy-five cents.

Naval station, Key West, Florida: One clerk, one thousand two hundred dollars; in all, one thousand two hundred dollars.

Navy-yard, Mare Island, California: In general storehouse: Two bookkeepers, at one thousand two hundred dollars each; two assistant bookkeepers, at seven hundred and twenty dollars each; one receiving clerk, at one thousand dollars; one shipping clerk, at one thousand dollars; one bill clerk, at one thousand dollars; one clerk, at one thousand dollars; one assistant clerk, at one thousand dollars. In yard pay office: One writer, at one thousand and seventeen dollars and twenty-five cents; in all, nine thousand eight hundred and fifty-seven dollars and twenty-five cents.

Navy-yard, Puget Sound, Washington: In general storehouses: One principal clerk, one thousand four hundred dollars; two bookkeepers at one thousand two hundred dollars each, two thousand four hundred dollars; one bill clerk, one thousand dollars; one receiving clerk, one thousand dollars; one shipping clerk, one thousand dollars; in all, six thousand eight hundred dollars.

Naval station, Cavite, Philippine Islands: In general storehouses: One clerk, at one thousand six hundred dollars; one bookkeeper, at one thousand four hundred dollars; three assistant bookkeepers, at one thousand two hundred dollars each, three thousand six hundred dollars;

one shipping and bill clerk, at one thousand two hundred dollars; three storekeepers, at one thousand dollars each, three thousand dollars; one receiving clerk, at one thousand two hundred dollars; one shipping clerk, at one thousand dollars; one assistant clerk, at one thousand dollars; two store men, at nine hundred dollars each; in all, fifteen thousand eight hundred dollars.

In all, civil establishment, Bureau of Supplies and Accounts, one hundred and three thousand nine hundred and seventy-eight dollars and thirty-four cents.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy-yards, inspectors' offices, such as advertising, photographing, books, professional magazines, plans, stationery, and instruments for drafting room, eight million dollars: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship, when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That no part of this sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home. And the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named in an amount not to exceed the sum specified for each vessel, respectively, as follows: The Brooklyn, four hundred and fifty-three thousand five hundred dollars; the San Francisco, six hundred thousand two hundred and fifty dollars; the Baltimore, six hundred and fifty-three thousand three hundred dollars; the Alabama, six hundred and sixty-seven thousand five hundred dollars; the Illinois, six hundred and sixty-seven thousand five hundred dollars; the Iowa, five hundred and fifty-seven thousand five hundred dollars; the Kearsarge, six hundred and seventy-three thousand five hundred dollars; the Kentucky, six hundred and seventy-three thousand five hundred dollars; the Maine, two hundred thousand dollars; the Adder, forty-six thousand five hundred dollars; the Bennington, one hundred and ninety-five thou id seven hundred and fifty dollars; the Grampus, fifty-seven thou id five hundred dollars; the Moccasin, forty-six thousand fi h dollars; the Pike, fifty-seven thousand five hundred do

Jones, seventy-seven thousand dollars; the Nicholson, fifty-five thousand dollars; the O'Brien, fifty-five thousand dollars; the Narkeeta, nineteen thousand dollars; the Holland, thirty-two thousand dollars and eighty-eight cents; in all, five million seven hundred and eighty-eight thousand three hundred dollars and eighty-eight cents, as per the report of the Secretary of the Navy, House Document Numbered Six hundred and fifty-six, Sixtieth Congress and letters of the Secretary of the Navy of April twentieth, nineteen hundred and eight, concerning general repairs to the Maine.

IMPROVEMENT OF CONSTRUCTION PLANTS: Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to, and improvements of, plant at navy-yard, Portsmouth, New Hampshire, fifteen thousand dollars.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to, and improvement of, plant at navy-yard, Boston, Massachusetts, twenty thousand dollars.

Construction plant, navy-yard, New York, New York: Repairs to, and improvement of, plant at navy-yard, New York, New York, twenty thousand dollars.

Construction plant, navy-yard, Philadelphia, Pennsylvania: Repairs to, and improvement of, plant at navy-yard, Philadelphia, Pennsylvania, fifteen thousand dollars.

Construction plant, navy-yard, Norfolk, Virginia: Repairs to, and improvement of, plant at navy-yard, Norfolk, Virginia, twelve thousand dollars.

Construction plant, navy-yard, Charleston, South Carolina: Repairs to, and improvement of, plant at naval station, Charleston, South Carolina, twenty thousand dollars.

Construction plant, navy-yard, Pensacola, Florida: Repairs to, and improvement of, plant at navy-yard, Pensacola, Florida, fifteen thousand dollars.

Construction plant, naval station, New Orleans, Louisiana: Repairs to, and improvement of, plant at naval station, New Orleans, Louisiana, ten thousand dollars.

Construction plant, navy-yard, Mare Island, California: Repairs to, and improvement of, plant at navy-yard, Mare Island, California, fifteen thousand dollars.

Construction plant, navy-yard, Puget Sound, Washington: Repairs to, and improvement of, plant at navy-yard, Puget Sound, Washington, twenty thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy-yard, Portsmouth, New Hampshire: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Boston, Massachusetts: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, New York, New York: One clerk to naval constructor, at one thousand four hundred dollars; three clerks, at one thousand two hundred dollars each; three clerks, at one thousand one hundred dollars each; three writers, at one thousand and seventeen dollars and twenty-five cents each; in all, eleven thousand three hundred and fifty-one dollars and seventy-five cents.

Navy-yard, Philadelphia, Pennsylvania: One clerk to naval constructor, at one thousand four hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand four hundred and seventeen dollars and twenty-five cents.

Navy-yard, Washington, District of Columbia: One clerk to naval constructor, at one thousand four hundred dollars.

Navy-yard, Norfolk, Virginia: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Charleston, South Carolina: One clerk to naval constructor, one thousand four hundred dollars.

Navy-yard, Pensacola, Florida: One clerk to naval constructor, at one thousand two hundred dollars; one writer, at one thousand and seventeen dollars and twenty-five cents; in all, two thousand two hundred and seventeen dollars and twenty-five cents.

Naval station, New Orleans, Louisiana: One clerk to naval constructor, one thousand two hundred dollars.

Navy-yard, Mare Island, California: One clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, three thousand four hundred and thirty-four dollars and fifty cents.

Navy-yard, Puget Sound, Washington: One clerk to naval constructor, one thousand four hundred dollars; one clerk, at one thousand dollars; one clerk, at nine hundred dollars; in all, three thousand three hundred dollars.

Naval station, Cavite, Philippine Islands: One clerk to naval constructor, one thousand four hundred dollars; two clerks, at one thousand two hundred dollars each, two thousand four hundred dollars; in all, three thousand eight hundred dollars.

In all, civil establishment, Bureau of Construction and Repair, forty thousand eight hundred and twenty-four dollars and twenty-five cents.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: For completion, repairing, and preservation of machinery and boilers of naval vessels, including cost of new boilers; distilling, refrigerating, and auxiliary machinery; preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving, and training vessels; repair and care of machinery of yard tugs and launches, three million seven hundred and fifty thousand dollars: *Provided*, That so much of the foregoing appropriation and of the current appropriation for steam machinery, as may be necessary, may be used to complete the machinery of the seagoing tugs Patapsco and Patuxent, now building at the navy-yards at Portsmouth, New Hampshire, and Norfolk, Virginia.

For purchase, handling, and preservation of all material and stores; purchase, fitting, repair, and preservation of machinery and tools in navy-yards and stations, and running yard engines, two million two hundred and fifty thousand dollars.

For incidental expenses for navy vessels, yards, such as advertising, photographing, books, stationery, office furnishings, and instruments, six thousand dollars.

In all, steam machinery, six million and six thousand dollars.

Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, especially the new boiler and pattern shops, with new power tools, and with the necessary fixtures and motors, and to replace obsolete and worn-out machine tools, thirty thousand dollars; in all, thirty thousand dollars.

Machinery plant, navy-yard, Boston, Massachusetts: For additional machine tools for boiler shop extension and the coppersmith shop, twenty-five thousand dollars.

Machinery plant, navy-yard, New York, New York: For additional machine tools for copper, boiler, machine and pattern shops, and foundry, forty thousand dollars.

Machinery plant, Philadelphia, Pennsylvania: For additional machine tools for machine and boiler shops, twenty-five thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: For additional machine tools to equip machine and boiler shop, and for the new blacksmith and coppersmith shops, twenty-five thousand dollars.

Machinery plant, navy-yard, Pensacola, Florida: For purchase of modern tools for use in repair of naval vessels, to replace others worn out, ten thousand dollars.

Machinery plant, naval station, New Orleans, Louisiana: To continue purchase and installation of new machine tools to equip shops for repair of naval vessels, ten thousand dollars.

Machinery plant, navy-yard, Mare Island, California: For additional new machine tools required in new and repair work of naval vessels, twenty-five thousand dollars.

Machinery plant, navy-yard, Puget Sound, Washington: For additional new machine tools required in repair work of naval vessels, twenty-five thousand dollars.

Machinery plant, naval station, Cavite, Philippine Islands: For additional machine tools, fifteen thousand dollars.

Machinery plant, naval station, Olongapo, Philippine Islands: For machine tools required for equipment of shops for repair work, twenty-five thousand dollars.

Engineering experimental station, United States Naval Academy, Annapolis, Maryland—Salaries: One draftsman to engineering staff at the laboratory, one thousand eight hundred dollars; one clerk to engineering staff at the laboratory, one thousand two hundred dollars; one skilled mechanic, one thousand two hundred dollars; one skilled mechanic, seven hundred and twenty dollars; one messenger, who shall also be janitor, six hundred dollars; in all, five thousand five hundred and twenty dollars.

Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars.

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars.

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars.

Navy-yard, Philadelphia, Pennsylvania: One clerk to department, at one thousand two hundred dollars.

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars.

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars.

Navy-yard, Charleston, South Carolina: One clerk to department, one thousand two hundred dollars.

Navy-yard, Pensacola, Florida: One writer, one thousand dollars.

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars.

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars.

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand six hundred dollars.

One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at three thousand dollars each.

Three professors, namely, one of English, one of French, and one of Spanish, at two thousand six hundred and forty dollars each.

Five instructors, at two thousand four hundred dollars each.

Four instructors, at two thousand one hundred and sixty dollars each.

Ten instructors, at one thousand eight hundred dollars each.

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one cataloguer, at one thousand one hundred dollars; two shelf assistants, at nine hundred dollars each; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the superintendent, at one thousand two hundred dollars each; one clerk to the superintendent, at one thousand dollars; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one writer to the commandant of midshipmen, at seven hundred and twenty dollars; one clerk to the paymaster, at one thousand four hundred and forty dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, at nine hundred and fifty-one dollars and fifty-two cents; one mechanic in the department of ordnance, at seven hundred and fifty-one dollars and twenty cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the superintendent, at six hund-

Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, especially the new boiler and pattern shops, with new power tools, and with the necessary fixtures and motors, and to replace obsolete and worn-out machine tools, thirty thousand dollars; in all, thirty thousand dollars.

Machinery plant, navy-yard, Boston, Massachusetts: For additional machine tools for boiler shop extension and the coppersmith shop, twenty-five thousand dollars.

Machinery plant, navy-yard, New York, New York: For additional machine tools for copper, boiler, machine and pattern shops, and foundry, forty thousand dollars.

Machinery plant, Philadelphia, Pennsylvania: For additional machine tools for machine and boiler shops, twenty-five thousand dollars.

Machinery plant, navy-yard, Norfolk, Virginia: For additional machine tools to equip machine and boiler shop, and for the new blacksmith and coppersmith shops, twenty-five thousand dollars.

Machinery plant, navy-yard, Pensacola, Florida: For purchase of modern tools for use in repair of naval vessels, to replace others worn out, ten thousand dollars.

Machinery plant, naval station, New Orleans, Louisiana: To continue purchase and installation of new machine tools to equip shops for repair of naval vessels, ten thousand dollars.

Machinery plant, navy-yard, Mare Island, California: For additional new machine tools required in new and repair work of naval vessels, twenty-five thousand dollars.

Machinery plant, navy-yard, Puget Sound, Washington: For additional new machine tools required in repair work of naval vessels, twenty-five thousand dollars.

Machinery plant, naval station, Cavite, Philippine Islands: For additional machine tools, fifteen thousand dollars.

Machinery plant, naval station, Olongapo, Philippine Islands: For machine tools required for equipment of shops for repair work, twenty-five thousand dollars.

Engineering experimental station, United States Naval Academy, Annapolis, Maryland—Salaries: One draftsman to engineering staff at the laboratory, one thousand eight hundred dollars; one clerk to engineering staff at the laboratory, one thousand two hundred dollars; one skilled mechanic, one thousand two hundred dollars; one skilled mechanic, seven hundred and twenty dollars; one messenger, who shall also be janitor, six hundred dollars; in all, five thousand five hundred and twenty dollars.

Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, twenty-five thousand dollars.

CIVIL ESTABLISHMENT, BUREAU OF STEAM ENGINEERING: Navy-yard, Portsmouth, New Hampshire: One clerk to department, at one thousand two hundred dollars; one messenger, at six hundred dollars; in all, one thousand eight hundred dollars.

Navy-yard, Boston, Massachusetts: One clerk to department, one thousand four hundred dollars.

Navy-yard, New York, New York: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars.

Navy-yard, Philadelphia, Pennsylvania: One clerk to department, at one thousand two hundred dollars.

Navy-yard, Washington, District of Columbia: One clerk to department, one thousand two hundred dollars.

Navy-yard, Norfolk, Virginia: One clerk to department, at one thousand three hundred dollars; one messenger, at six hundred dollars; in all, one thousand nine hundred dollars.

Navy-yard, Charleston, South Carolina: One clerk to department, one thousand two hundred dollars.

Navy-yard, Pensacola, Florida: One writer, one thousand dollars.

Navy-yard, Mare Island, California: One clerk to department, at one thousand four hundred dollars; one writer, at one thousand dollars; one messenger, at six hundred dollars; in all, three thousand dollars.

Navy-yard, Puget Sound, Washington: One clerk to department, one thousand two hundred dollars; one writer, one thousand dollars; in all, two thousand two hundred dollars.

In all, civil establishment, Bureau of Steam Engineering, seventeen thousand nine hundred dollars.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand six hundred dollars.

One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at three thousand dollars each.

Three professors, namely, one of English, one of French, and one of Spanish, at two thousand six hundred and forty dollars each.

Five instructors, at two thousand four hundred dollars each.

Four instructors, at two thousand one hundred and sixty dollars each.

Ten instructors, at one thousand eight hundred dollars each.

One sword master, at one thousand five hundred dollars; one assistant, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; one instructor in gymnastics, at one thousand two hundred dollars; one assistant librarian, at one thousand eight hundred dollars; one cataloguer, at one thousand one hundred dollars; two shelf assistants, at nine hundred dollars each; one secretary of the Naval Academy, at one thousand eight hundred dollars; two clerks to the superintendent, at one thousand two hundred dollars each; one clerk to the superintendent, at one thousand dollars; one clerk to the commandant of midshipmen, at one thousand two hundred dollars; one writer to the commandant of midshipmen, at seven hundred and twenty dollars; one clerk to the paymaster, at one thousand four hundred and forty dollars; one clerk to the paymaster, at one thousand two hundred dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics, at seven hundred and thirty dollars; one mechanic in the department of ordnance, at nine hundred and fifty-one dollars and fifty-two cents; one mechanic in the department of ordnance, at seven hundred and fifty-one dollars and twenty cents; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to the superintendent, at six hundred

dollars; one armorer, at six hundred and forty-nine dollars and fifty cents; one chief gunner's mate, at five hundred and twenty-nine dollars and fifty cents; three quarter gunners, at four hundred and sixty-nine dollars and sixty-eight cents each; one coxswain, at four hundred and sixty-nine dollars and fifty cents; three seamen in the department of seamanship, at three hundred and ninety-seven dollars and fifty cents each; twenty attendants at recitation rooms, library, store, chapel, armory, gymnasium, and offices, at three hundred dollars each; one bandmaster, at one thousand two hundred dollars; twenty-one first-class musicians, at four hundred and twenty dollars each; seven second-class musicians, at three hundred and sixty dollars each; services of organist at chapel, three hundred dollars; one assistant instructor in gymnastics, one thousand dollars; one clerk to the superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; two instructors in physical training, at one thousand five hundred dollars each; one clerk to the commandant of midshipmen, one thousand dollars; one electrical machinist in department of physics, one thousand dollars; one chief cook, one thousand two hundred dollars; two cooks, at six hundred dollars each, one thousand two hundred dollars; one steward, one thousand two hundred dollars; one assistant steward, six hundred dollars; one head waiter, seven hundred and twenty dollars; two assistant head waiters, at four hundred and eighty dollars each, nine hundred and sixty dollars; two pantry men, at four hundred and twenty dollars each, eight hundred and forty dollars; one assistant baker, four hundred and twenty dollars; eight assistant cooks, at three hundred dollars each, two thousand four hundred dollars; necessary waiters, at sixteen dollars per month each, thirteen thousand four hundred and forty dollars; in all, one hundred and forty-five thousand nine hundred and eight dollars and twenty-six cents.

The Secretary of the Treasury is hereby authorized and directed to close and balance as expended the sum of twenty-four thousand five hundred dollars now standing on the books of the Treasury under the appropriation "Pay of the Navy," which was advanced by direction of the Secretary of the Navy in eighteen hundred and sixty-seven and eighteen hundred and sixty-eight, and has heretofore been used as a midshipmen's store fund at the Naval Academy: *Provided*, That hereafter the storekeeper at the Naval Academy, authorized by section fifteen hundred and twenty-seven of the Revised Statutes, shall render quarterly returns of property to the Chief of the Bureau of Supplies and Accounts, under such regulations as the Secretary of the Navy may prescribe. A full report shall be made annually of receipts and expenditures by the Chief of the Bureau of Supplies and Accounts to the Secretary of the Navy: *And provided further*, That an inspection of the storekeeper's accounts shall be made quarterly by the general inspector of the Pay Corps, with such recommendation as he may deem necessary, to the Chief of the Bureau of Supplies and Accounts.

Navy bands or members thereof, other than the United States Naval Academy band at Annapolis, Maryland, shall not receive remuneration for furnishing music outside the limits of military posts, when the furnishing of such music places them in competition with local civilian musicians.

PAY OF WATCHMEN, MECHANICS, AND OTHERS, NAVAL ACADEMY: Captain of the watch, and weigher, at two dollars and fifty cents per diem; second captain of the watch, at two dollars and twenty-four cents per diem; twenty-two watchmen, at two dollars per diem each; foreman of steam heating works of the academy, at five dollars per diem; labor at power house for masons, carpenters, and other mechanics, laborers, and attendants; and for care of buildings and grounds, wharves, and boats; in all, one hundred and twenty-five thousand dollars.

PAY OF STEAM EMPLOYEES, NAVAL ACADEMY: Pay of mechanics, attendants, and others in department of steam engineering, twenty thousand three hundred and forty-three dollars and six cents.

Special course, Naval Academy: Purchase of apparatus and materials for instruction of midshipmen in physical training and athletics, and for all expenses of lectures, including the pay of the lecturer, five thousand dollars.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, thirty thousand dollars.

HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools; and for heating and lighting the academy and bandsmen's quarters, sixty thousand dollars.

CONTINGENT, NAVAL ACADEMY: Purchase, binding, and repair of books for the library and text-books for the use of instructors (to be purchased in open market on the written order of the superintendent), two thousand five hundred dollars; stationery, blank books, models, and maps, two thousand five hundred dollars; expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the academy, and for supplying necessary outfit for the Board house, and for clerk hire, carriages, and other incidental and necessary expenses of the Board, two thousand dollars; purchase of chemicals, apparatus, and instruments in the department of physics and for repairs of the same, three thousand dollars; purchase of gas and steam machinery, steam pipes and fittings, rent of buildings for the use of the academy, commutation of rent for bandsmen, at eight dollars per month each, cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, feed and maintenance of teams, current expenses, and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, sixty thousand dollars; stores, stationery, periodicals, materials, apparatus, machinery, tools, and fittings; for use in the department of marine engineering and naval construction, for purposes of instruction, repairs of apparatus, tools, and machinery, care and cleaning of building and its equipment, and for all other necessary purposes, twelve thousand five hundred dollars; for contingencies for the superintendent of the academy, to be expended in his discretion, two thousand dollars; apparatus for the instruction of midshipmen in the various academic departments, fifteen thousand dollars; for care of rifle range, one thousand two hundred and seventy-seven dollars and four cents; in all, one hundred thousand seven hundred and seventy-seven dollars and four cents.

In all, Naval Academy, four hundred and eighty-seven thousand and twenty-eight dollars and thirty-six cents.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, seven hundred and twenty-one thousand seven hundred and thirteen dollars: *Provided*, That so much of the foregoing appropriation as is needed to pay the additional officers of the Marine Corps provided for in this Act shall be immediately available.

For pay of officers prescribed by law, on the retired list: For one major-general, seven brigadier-generals, two colonels, eight lieutenant-colonels, five majors, seven captains, nine first lieutenants, and four second lieutenants, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, one hundred and fifteen thousand dollars.

Pay of enlisted men, active list: Pay of noncommissioned officers, musicians, and privates, as prescribed by law; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interests on deposits by enlisted men, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore, two million one hundred and two thousand six hundred and eight dollars: *Provided*, That so much of the foregoing appropriation as is needed to pay the additional enlisted men of the Marine Corps provided for in this Act shall be immediately available.

For pay and allowances prescribed by law of enlisted men on the retired list: For three sergeant-majors, one drum-major, seventeen gunnery-sergeants, seventeen quartermaster-sergeants, fourteen first sergeants, forty-nine sergeants, eleven corporals, seventeen first-class musicians, one drummer, one trumpeter, and forty-three privates, and for those who may be retired during the fiscal year, eighty-four thousand four hundred and sixty-nine dollars.

That from and after the passage of this Act, and in order to further increase the efficiency of the United States Marine Corps, the following additional officers, noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps are hereby authorized and directed, namely: One major-general commandant, in lieu of the present brigadier-general commandant; one colonel; one lieutenant-colonel; two majors; eighteen captains; seven first lieutenants; fourteen second lieutenants; one assistant adjutant and inspector, with the rank of lieutenant-colonel; one assistant quartermaster, with the rank of lieutenant-colonel; one assistant quartermaster, with the rank of major; and three assistant quartermasters, with the rank of captain; one assistant paymaster, with the rank of major; one assistant paymaster, with the rank of captain; two sergeant-majors; fifteen quartermaster-sergeants, five of whom are to serve in the pay department; twenty first sergeants; fifty sergeants; one hundred and twenty-five corporals; ten drummers; ten trumpeters; and five hundred and eighteen privates: *Provided*, That hereafter the

number of enlisted men in the United States Marine Corps shall be such as the Congress may from time to time authorize.

That the vacancies now existing in the line and staff departments of the United States Marine Corps and those created by this Act shall be filled in the manner provided by law.

To meet the increase in pay of the Marine Corps provided in the Act making appropriation for the support of the Army for the fiscal year ending June thirtieth, nineteen hundred and nine, and in section sixteen hundred and twelve of the Revised Statutes of the United States, for officers on the active list, officers on the retired list, enlisted men on the active list, and enlisted men on the retired list, eight hundred and two thousand seven hundred and fifty dollars and fifty-five cents is hereby appropriated: *Provided*, That so much of the foregoing appropriation as is needed to pay the increase for the remainder of the fiscal year ending June thirtieth, nineteen hundred and eight, shall be immediately available.

Undrawn clothing: For payment to discharged soldiers for clothing undrawn, one hundred and two thousand seven hundred and seven dollars and eighty cents.

Mileage: For mileage to officers traveling under orders without troops, fifty thousand dollars.

For commutation of quarters of officers on duty without troops where there are no public quarters, thirty-three thousand five hundred dollars.

PAY OF CIVIL FORCE: In the office of the Brigadier-General Commandant: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand two hundred dollars; one messenger, at nine hundred and seventy-one dollars and twenty-eight cents.

In the office of the paymaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; one clerk, at one thousand two hundred dollars.

In the office of each assistant paymaster: One clerk, at one thousand four hundred dollars.

In the office of the adjutant and inspector: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars.

In the office of the assistant adjutant and inspector: One clerk, at one thousand two hundred dollars.

In the office of the quartermaster: One chief clerk, at one thousand six hundred dollars; one clerk, at one thousand five hundred dollars; two clerks, at one thousand two hundred dollars each; one draftsman, at one thousand six hundred dollars.

In the office of the assistant quartermaster, Washington, District of Columbia, or San Francisco, California: Two clerks, at one thousand four hundred dollars each; two clerks, for duty in the Philippine Islands, one in Pay and one in Quartermaster's Department, at one thousand four hundred dollars each.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One clerk, at one thousand six hundred dollars; one messenger, at eight hundred and forty dollars; in the Quartermaster's Department, for duty where their services are required, two clerks at one thousand four hundred dollars each.

In all, for pay of civil force, thirty-four thousand five hundred and eleven dollars and twenty-eight cents; and the money herein specifially

appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay Marine Corps, four million forty-seven thousand two hundred and fifty-nine dollars and sixty-three cents.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore, for subsistence of enlisted men when traveling on duty, or cash in lieu thereof, for commutation of rations to enlisted men regularly detailed as clerks and messengers, for payment of board and lodging of recruiting parties, transportation of provisions, and the employment of necessary labor connected therewith, and for ice for preservation of rations, seven hundred and twenty-three thousand five hundred and forty-three dollars; and no law shall be construed to entitle marines on shore duty to any rations, or commutation thereof, other than such as now are or may hereafter be allowed to enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, seven hundred and twenty-five thousand nine hundred and twenty dollars.

FUEL, MARINE CORPS: For heating barracks and quarters, for ranges and stoves for cooking, fuel for enlisted men, for sales to officers, maintaining electric lights, one hundred and twelve thousand dollars.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at four dollars per day; one mechanic, at three dollars per day; two mechanics, at two dollars and fifty cents each per day; for purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, knapsacks, canteens, musket slings, swords, drums, trumpets, flags, waist belts, waist plates, cartridge belts, sashes for officer of the day, spare parts for repairing muskets, purchase and repair of tents and field ovens, purchase and repair of instruments for band, purchase of music and musical accessories, purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges; and medals awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; for incidental expenses of the School of Application; for the construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; for the establishment and maintenance of targets and ranges, and renting ranges, and for entrance fees in competitions; and for procuring, preserving, and handling ammunition, and other necessary military supplies, two hundred and seventy thousand dollars.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, including ferriage and transfers en route, or cash in lieu thereof, and the expense of the recruiting service, two hundred and sixty-one thousand dollars.

FOR REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks and quarters at Portsmouth, New Hampshire; Bos-

ton, Massachusetts; Narragansett Station, Rhode Island; New York, New York; Philadelphia, Pennsylvania; Annapolis, Maryland; headquarters and navy-yard, District of Columbia; Norfolk, Virginia; Port Royal and Charleston, South Carolina; Pensacola, Florida; Dry Tortugas, Florida; New Orleans, Louisiana; Mare Island and San Francisco, California; Bremerton, Washington; Sitka, Alaska, and Isthmus of Panama; for the renting, leasing, improvement, and erection of buildings in Porto Rico, the Territory of Hawaii, the Philippine Islands, at Guam, the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and the other public buildings, ninety-six thousand eight hundred and thirty-six dollars.

FORAGE, MARINE CORPS: For forage in kind for horses of the Quartermaster's Department, and the authorized number of officers' horses, and for stabling of public horses, nineteen thousand two hundred dollars.

COMMUTATION OF QUARTERS, MARINE CORPS: For commutation of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; for commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster and quartermaster, and the offices of the assistant adjutant and inspectors, the assistant paymasters, and the assistant quartermasters, at twenty-one dollars each per month, and for enlisted men employed as messengers in said offices, at ten dollars each per month, sixty-eight thousand dollars.

CONTINGENT, MARINE CORPS: For freight, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and marines, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States, stationery and other paper, printing and binding, telegraphing, rent of telephones, purchase and repair of typewriters, apprehension of stragglers and deserters, per diem of enlisted men employed on constant labor for a period of not less than ten days, employment of civilian labor, repair of gas and water fixtures, office and barracks furniture, camp and garrison equipage and implements, mess utensils for enlisted men, such as bowls, plates, spoons, knives and forks, tin cups, pans, pots, and so forth; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safes, purchase and repair of public wagons, motor wagons, carts, and drays, purchase and repair of public harness, purchase of public horses, services of veterinary surgeons, and medicines for public horses; purchase and repair of hose, purchase and repair of fire extinguishers, purchase of fire hand grenades; purchase and repair of carts, wheelbarrows, and lawn mowers; purchase and repair of cooking stoves, ranges, stoves and furnaces where there are no grates; purchase of ice, towels, soap, combs, and brushes for offices; postage stamps for foreign postage; purchase of books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves; laying drain, water, and gas pipes; water, introducing gas, and for gas, gas oil, and introduction and maintenance of electric

lights; straw for bedding, mattresses, mattress covers, pillows, sheets; wire bunk bottoms for enlisted men at various posts; furniture for Government quarters and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, three hundred and seventy thousand dollars.

Total under quartermaster, Marine Corps, two million six hundred and forty-six thousand four hundred and ninety-nine dollars.

Total Marine Corps, exclusive of public works, six million six hundred and ninety-three thousand seven hundred and fifty-eight dollars and sixty-three cents.

INCREASE OF THE NAVY.

That, for the purpose of further increasing the naval establisment of the United States, the President is hereby authorized to have constructed, two first-class battle ships to cost, exclusive of armor and armament, not exceeding six million dollars each, similar in all essential characteristics to the battle ship authorized by the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight. At least one of such battle ships shall be built and constructed under the direction of the Secretary of the Navy at one of the navy-yards; the other of said battle ships may also be constructed at one of the navy-yards in the discretion of the Secretary of the Navy, or by contract as hereinafter provided.

Ten torpedo-boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed eight hundred thousand dollars each, to be built by contract, not more than three by any one contractor.

Two fleet colliers, of fourteen knots trial speed, when carrying not less than twelve thousand five hundred tons of cargo and bunker coal. One of said colliers to be built in such Government yard on the Pacific coast as the Secretary of the Navy shall direct. Cost not to exceed one million eight hundred thousand dollars each, and toward the construction of both, one million five hundred thousand dollars is hereby appropriated.

The Secretary of the Navy, in his discretion, is hereby authorized to purchase three new steam colliers of American registry, having a cargo carrying capacity of approximately seven thousand two hundred tons dead weight each, at a cost not exceeding five hundred and twenty-five thousand dollars each; and the sum of one million five hundred and seventy-five thousand dollars is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purchase of the colliers above authorized.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the Act of August third, eighteen hundred and eighty-six, entitled "An Act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this Act, all said vessels shall be built in compliance with the terms

of said Act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy.

For eight submarine torpedo boats, in an amount not exceeding in the aggregate three million five hundred thousand dollars, and the sum of three million dollars is hereby appropriated toward said purpose and for the completion of submarine boats heretofore authorized.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore authorized, nine million eight hundred and thirty-two thousand nine hundred and sixty-two dollars.

ARMOR AND ARMAMENT: Toward the armor and armament of domestic manufacture for vessels authorized, seven million dollars.

Toward the construction and machinery and armor and armament of the vessels herein authorized, seven million dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy to the lowest responsible bidders, having in view the best results and most expeditious delivery.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, four hundred thousand dollars.

Total increase of the Navy, thirty million three hundred and seven thousand nine hundred and sixty-two dollars.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington unless specific authority is given by law for such expenditure.

So much of the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," approved May fourth, eighteen hundred and ninety-eight, as provides that monitors owned by the United States shall be named for the States, and shall not be named for any city, place, or person until the names of the States shall have been exhausted, is hereby repealed, and monitors now owned by the United States or hereafter built may be named as the President may direct.

Approved, May 13, 1908.

PERSONNEL ACT.

And also subsequent legislation showing principal changes affecting the personnel of the Navy.

AN ACT To reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the officers constituting the Engineer Corps of the Navy be, and are hereby, transferred to the line of the Navy, and shall be commissioned accordingly.

Engineer Corps transferred to line.

SEC. 2. That engineer officers holding the relative rank of captain, commander, and lieutenant-commander shall take rank in the line of the Navy according to the dates at which they attained such relative rank. Engineer officers graduated from the Naval Academy from eighteen hundred and sixty-eight to eighteen hundred and seventy-six, both years inclusive, shall take rank in the line next after officers in the line who graduated from the Naval Academy in the same year with them: *Provided*, That when the date of a line officer's commission as captain, commander, or lieutenant-commander and the date when the engineer officer attained the same relative rank of captain, commander, or lieutenant-commander are the same, the engineer officer shall take rank after such line officer.

SEC. 3. That engineer officers who completed their Naval Academy course of four years from eighteen hundred and seventy-eight to eighteen hundred and eighty, both inclusive, shall take rank in the line as determined by the Academic Board under the Department's instructions of December first, eighteen hundred and ninety-seven; and engineer officers who completed their Naval Academy course of four years in eighteen hundred and eighty-one and eighteen hundred and eighty-two shall take rank in the line as determined by the merit roll of graduating classes at the conclusion of the six years' course, June, eighteen hundred and eighty-three and eighteen hundred and eighty-four: *Provided*, That those engineer officers who were appointed from civil life, and whose status is not fixed by section two of this Act, shall take rank with other line officers according to the dates of

1881-82.

Appointments from civil life.

their first commissions, respectively: *And provided further*, That the engineer officers who completed their Naval Academy course of four years in eighteen hundred and eighty-one and eighteen hundred and eighty-two shall retain among themselves the same relative standing as shown on the Navy Register at the date of the passage of this Act.

Duties of engineer officers.

SEC. 4. That engineer officers transferred to the line who are below the rank of commander, and extending down to, but not including, the first engineer who entered the Naval Academy as cadet midshipman, shall perform sea or shore duty, and such duty shall be such as is performed by engineers in the Navy: *Provided*, That any officer described in this section may, upon his own application, made within six months after the passage of this Act, be assigned to the general duties of the line, if he pass the examination now provided by law as preliminary to promotion to the grade he then holds, failure to pass not to displace such officer from the list of officers for sea or shore duty such as is performed by engineers in the Navy.

SEC. 5. That engineer officers transferred to the line to perform engineer duty only who rank as, or above, commander, or who subsequently attain such rank, shall perform shore duty only.

Other engineer officers to perform line duties.

SEC. 6. That all engineer officers not provided for in sections four and five transferred to the line shall perform the duties now performed by line officers of the same grade: *Provided*, That after a period of two years subsequent to the passage of this Act they shall be required to pass the examinations now provided by law as preliminary to promotion to the grade they then hold, and subject to existing law governing examinations for promotion.

Memo: See increase in numbers. Act Mch. 3, 1903. Yearbook, p. 421.

SEC. 7. That the active list of the line of the Navy, as constituted by section one of this Act, shall be composed of eighteen rear-admirals, seventy captains, one hundred and twelve commanders, one hundred and seventy lieutenant-commanders, three hundred lieutenants, and not more than a total of three hundred and fifty lieutenants (junior grade) and ensigns: *Provided*, That each rear-admiral embraced in the nine lower numbers of that grade shall receive the same pay and allowance as are now allowed a brigadier-general in the Army. Officers, after performing three years' service in the grade of ensign, shall, after passing the examinations now required by law, be eligible to promotion to the grade of lieutenant (junior grade): *Provided*, That when the office of chief of bureau is filled by an officer below the rank of rear admiral, said officer shall, while holding said office, have the rank of rear-admiral and receive the same pay and allowance as are now allowed a brigadier-general in the Army: *And provided further*, That nothing contained in this section shall be construed to prevent the retirement of officers who

Rear-admiral, nine lower.

Memo: See increase in pay. Act May 13, 1908. Yearbook, p. 559.

Chief of bureau.

Commodore.

now have the rank or relative rank of commodore with the rank and pay of that grade: *And provided further*, That all sections of the Revised Statutes which, in defining the rank of officers or positions in the Navy, contain the words "the relative rank of" are hereby amended so as to read "the rank of," but officers whose rank is so defined shall not be entitled, in virtue of their rank to command in the line or in other staff corps. Neither shall this Act be construed as changing the titles of officers in the staff corps

Civil engineers.

of the Navy. No appointments shall be made of civil engineers in the Navy on the active list under section fourteen hundred and thirteen of the Revised Statutes in excess of the present number, twenty-one.

Memo: See increase in number. Act Mch. 3, 1903. Yearbook, p. 421.

[That the appointment of six additional civil engineers is hereby authorized, three to be appointed during the present calendar year, and the other three in the calendar year of nineteen hundred and three.—Act July 1, 1902, page 375.]

Memo: See increase in pay. Act May 13, 1908. Yearbook, p. 559.

[*Provided*, That assistant civil engineers, during the first five years after date of appointment, shall receive, per annum, when on duty, one thousand five hundred dollars, when on leave or waiting orders, one thousand dollars; during the second five years after such date, when on duty, one thousand eight hundred dollars, when on leave or waiting orders, one thousand two hundred dollars; and after ten years from such date, when on duty, two thousand one hundred dollars, and when on leave or waiting orders, one thousand four hundred dollars: *And provided further*, That promotions in the corps of civil engineers shall be after such examination as the Secretary of the Navy may prescribe.—Act March 3, 1903, page 421.]

[That from and after the passage of this Act the allowances of civil engineers and professors of mathematics in the Navy shall be the same as are or may be provided by or in pursuance of law for naval constructors, and the allowances of assistant civil engineers the same as for assistant naval constructors.—Act June 29, 1906, page 493.]

[That the Chief of the Bureau of Yards and Docks shall be selected from the members of the Corps of Civil Engineers of the Navy having not less than seven years' active service.—Act June 29, 1906, page 503.]

Voluntary retirement.

SEC. 8. That officers of the line in the grades of captain, commander, and lieutenant-commander may, by official application to the Secretary of the Navy, have their names placed on a list which shall be known as the list of "Applicants for voluntary retirement," and when at the end of any fiscal year the average vacancies for the fiscal years subsequent to the passage of this Act above the grade of commander have been less than thirteen, above the grade of lieutenant-commander less than twenty, above the grade of lieutenant less than twenty-nine, and above the grade of lieutenant (junior grade) less than

forty, the President may, in the order of the rank of the applicants, place a sufficient number on the retired list with the rank and three-fourths the sea pay of the next higher grade, as now existing, including the grade of commodore, to cause the aforesaid vacancies for the fiscal year then being considered.

Three - fourths sea pay of next higher grade.

SEC. 9. That should it be found at the end of any fiscal year that the retirements pursuant to the provisions of law now in force, the voluntary retirements provided for in this Act, and casualties are not sufficient to cause the average vacancies enumerated in section eight of this Act, the Secretary of the Navy shall, on or about the first day of June, convene a board of five rear-admirals, and shall place at its disposal the service and medical records on file in the Navy Department of all the officers in the grades of captain, commander, lieutenant-commander, and lieutenant. The board shall then select, as soon as practicable after the first day of July, a sufficient number of officers from the before-mentioned grades, as constituted on the thirtieth day of June of that year, to cause the average vacancies enumerated in section eight of this Act. Each member of said board shall swear, or affirm, that he will, without prejudice or partiality, and having in view solely the special fitness of officers and the efficiency of the naval service, perform the duties imposed upon him by this Act. Its finding, which shall be in writing, signed by all the members, not less than four governing, shall be transmitted to the President, who shall thereupon, by order, make the transfers of such officers to the retired list as are selected by the board: *Provided*, That not more than five captains, four commanders, four lieutenant-commanders, and two lieutenants are so retired in any one year. The promotions to fill the vacancies thus created shall date from the thirtieth day of June of the current year: *And provided further*, That any officer retired under the provisions of this section shall be retired with the rank and three-fourths the sea pay of the next higher grade, including the grade of commodore, which is retained on the retired list for this purpose.

Involuntary retirement.

Three - fourths sea pay of next higher grade.

[During a period of twelve years from the passage of this Act any naval officer on the retired list may, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed shall receive the pay and allowances of an officer of the active list of the grade from which he was retired.—Act June 7, 1900, page 328.]

SEC. 10. That of the naval constructors five shall have the rank of captain, five of commander, and all others that of lieutenant-commander or lieutenant. Assistant naval constructors shall have the rank of lieutenant or lieutenant (junior grade). Assistant naval constructors shall be promoted to the grade of naval constructor after not less than eight or more than fourteen years' service as assistant

Naval constructors.

naval constructor: *Provided*, That the whole number of naval constructors and assistant naval constructors on the active list shall not exceed forty in all.

Memo: Number in corps increased to 75. Act Mar. 3, 1903. Yearbook, p. 421.

[That, in addition to the number of naval constructors and assistant naval constructors now authorized, the appointment of six assistant naval constructors is hereby authorized, two to be appointed during the present calendar year and the remaining four in the calendar year of nineteen hundred and three.—Act July 1, 1902, page 389.]

Civil-war service, officers when retired get three-fourths sea pay of next higher grade.

SEC. 11. That any officer of the Navy, with a creditable record, who served through the civil war, shall, when retired, be retired with the rank and three-fourths the sea pay of the next higher grade.

[That any officer of the Navy not above the grade of captain who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Navy, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Navy with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this Act shall not apply to any officer who received an advance of grade at or since the date of his retirement or who has been restored to the Navy and placed on the retired list by virtue of the provisions of a special Act of Congress.—Act June 29, 1906, Yearbook, page 492.]

Warrant officers.

SEC. 12. That boatswains, gunners, carpenters, and sailmakers shall after ten years from date of warrant be commissioned chief boatswains, chief gunners, chief carpenters, and chief sailmakers, to rank with but after ensign: *Provided*, That the chief boatswains, chief gunners, chief carpenters, and chief sailmakers shall on promotion have the same pay and allowances as are now allowed a second lieutenant in the Marine Corps: *Provided*, That the pay of boatswains, gunners, carpenters, and sailmakers shall be the same as that now allowed by law: *Provided, further*, That nothing in this Act shall give additional rights to quarters on board ship or to command, and that immediately after the passage of this Act boatswains, gunners, carpenters and sailmakers, who have served in the Navy as such for fifteen years, shall be commissioned in accordance with the provisions of this section, and thereafter no warrant officer shall be promoted until he shall have passed an examination before a board of chief boatswains, chief gunners, chief carpenters, and chief sailmakers, in accordance with regulations prescribed by the Secretary of the Navy.

See increase in pay, Act May 13, 1908. Yearbook, p. 560.

[Whenever, in view of the vacancies in the grade of ensign on July thirtieth of any year unfilled by graduates of

the Naval Academy, the Secretary of the Navy shall so recommend, the President may appoint to that grade, as of July thirtieth, from among the boatswains, gunners, or warrant machinists not exceeding six in any one calendar year. No person shall be so appointed who is over thirty-five years of age; who has served less than six years as a warrant officer; who is not recommended by a commanding officer under whom he has served; nor until he shall have passed such competitive examination as may be prescribed by the Navy Department.—Act March 3, 1901, page 359.]

[Hereafter in each calendar year there may, under the restrictions imposed by existing law, be appointed from the boatswains, gunners, and warrant machinists of the Navy twelve ensigns.—Act March 3, 1903, page 422.]

[That subject to the restrictions imposed by existing law, boatswains, gunners, and warrant machinists shall be eligible for appointment to the grade of ensign after four years' service as warrant officers, and boatswains, gunners, carpenters, and sailmakers shall be eligible for appointment as chief boatswains, chief gunners, chief carpenters, and chief sailmakers after six years from date of warrant.—Act April 27, 1904, page 454.]

Line officers—Medical and Pay Corps, army pay. Memo: See increase in pay. Act May 13, 1908. Yearbook, p. 558.

SEC. 13. That, after June thirtieth, eighteen hundred and ninety-nine, commissioned officers of the line of the Navy and of the Medical and Pay Corps shall receive the same pay and allowances, except forage, as are or may be provided by or in pursuance of law for the officers of corresponding rank in the Army: [*Provided*, That such officers when on shore shall receive the allowances, but fifteen per centum less pay than when on sea duty; but this provision shall not apply to warrant officers commissioned under section 12 of this Act:] *Provided further*, That when naval officers are detailed for shore duty beyond seas they shall receive the same pay and allowances as are or may be provided by or in pursuance of law for officers of the Army detailed for duty in similar places: *Provided further*, That naval chaplains, who do not possess relative rank, shall have the rank of lieutenant in the Navy; and that all officers, including warrant officers, who have been or may be appointed to the Navy from civil life shall, on the date of appointment, be credited for computing their pay, with five years' service. And all provisions of law authorizing the distribution among captors of the whole or any portion of the proceeds of vessels, or any property hereafter captured, condemned as prize, or providing for the payment of bounty for the sinking or destruction of vessels of the enemy hereafter occurring in time of war, are hereby repealed: *And provided further*, That no provision of this Act shall operate to reduce the present pay of any commissioned officer now in the Navy; and in any case in which the pay of such an officer would otherwise be reduced he shall continue to receive pay according to existing law: *And provided further*, That nothing in this Act

NOTE: Provision in brackets was repealed—Act June 29, 1906, page 492.

Shore duty beyond seas—Army pay, etc.

Chaplains.

Prize money repealed.

No reduction of pay of any officer now commissioned.

shall operate to increase or reduce the pay of any officer now on the retired list of the Navy.

[*Provided*, That officers of the Navy, and officers and enlisted men of the Marine Corps, who have been detailed or may hereafter be detailed, for shore duty in Alaska, the Philippine Islands, Guam, or elsewhere beyond the continental limits of the United States, shall be considered as having been detailed for "shore duty beyond seas," and shall receive pay accordingly, with such additional pay as may be provided by law for service in island possessions of the United States.—Act March 3, 1901, page 335.]

[That all chaplains now in the Navy above the grade of lieutenant shall receive the pay and allowances of lieutenant-commander in the Navy according to length of service under the provisions of law for that rank, and all chaplains now in the Navy in the grade of lieutenant shall receive their present sea pay when on shore duty: *Provided*, That naval chaplains hereafter appointed shall have the rank, pay, and allowances of lieutenant (junior grade) in the Navy until they shall have completed seven years of service, when they shall have the rank, pay, and allowances of lieutenant in the Navy; and lieutenants shall be promoted, whenever vacancies occur, to the grade of lieutenant-commander, which shall consist of five numbers, and when so promoted shall receive the rank, pay, and allowances of lieutenant-commander in the Navy: *Provided further*, That nothing herein contained shall be held or construed to increase the number of chaplains as now authorized by law or to reduce the rank or pay of any now serving.—Act June 29, 1906, page 493.]

Chaplains, pay, etc.

Memo: See also Act May 13, 1908, Yearbook, p. 560.

Warrant machinists.

SEC. 14. That upon the passage of this Act the Secretary of the Navy shall appoint a board for the examination of men for the position of warrant machinists, one hundred of whom are hereby authorized. The said examination shall be open, first, to all machinists by trade, of good record in the naval service, and if a sufficient number of machinists from the Navy are not found duly qualified, then any machinist of good character, not above thirty years of age, in civil life shall be eligible for such examination and appointment to fill the remaining vacancies. All subsequent vacancies in the list of warrant machinists shall be filled by competitive examination before a board ordered by the Secretary of the Navy, and open to all machinists by trade who are in the Navy, and machinists of good character, not above thirty years of age, in civil life authorized by the Secretary of the Navy to appear before said board, and, where candidates from civil life and from the naval service possess equal qualifications, the preference shall be given to those from the naval service.

[* * * and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year.—Act April 27, 1904, page 429.]

Pay.
Memo: See also act May 13, 1908. Yearbook, p. 560.

SEC. 15. That the pay of warrant machinists shall be the same as that of warrant officers, and they shall be retired under the provisions of existing law for warrant officers. Warrant machinists shall receive at first an acting appointment, which may be made permanent under regulations established by the Navy Department for other warrant officers. They shall take rank with other warrant officers according to date of appointment and shall wear such uniform as may be prescribed by the Navy Department.

Enlisted men—Four years' service.
Memo: For pay see act May 13, 1908. Yearbook, p. 560.

SEC. 16. That hereafter the term of enlistment of all enlisted men of the Navy shall be four years: *Provided*, That section fifteen hundred and seventy-three, Revised Statutes, be amended to read: "If any enlisted man or apprentice, being honorably discharged, shall reenlist for four years within four months thereafter, he shall, on presenting his honorable discharge or on accounting in a satisfactory manner for its loss, be entitled to pay during the said four months equal to that to which he would have been entitled if he had been employed in actual service; and that any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of service of not less than three years, who reenlists for a term of four years within four months from the date of his discharge, shall receive an increase of one dollar and thirty-six cents per month to the pay prescribed for the rating in which he serves for each consecutive reenlistment."

Retirement of enlisted men on three-fourths of pay and allowances of rank or rating.

SEC. 17. That when an enlisted man or appointed petty officer has served as such thirty years in the United States Navy, either as an enlisted man or petty officer, or both, he shall, by making application to the President, be placed on the retired list hereby created, with the rank held by him at the date of retirement; and he shall thereafter receive seventy-five per centum of the pay and allowances of the rank or rating upon which he was retired: *Provided*, That if said enlisted man or appointed petty officer had active service in the Navy or in the Army or Marine Corps, either as volunteer or regular, during the civil or Spanish-American war, such war service shall be computed as double time in computing the thirty years necessary to entitle him to be retired: *And provided further*, That applicants for retirement under this section shall, unless physically disqualified for service, be at least fifty years of age.

Credit for service in civil and Spanish war.

[That when an enlisted man shall have served thirty years either in the Army, Navy, or Marine Corps, or in all, he shall, upon making application to the President, be placed upon the retired list, with seventy-five per centum of the pay and allowances he may then be in receipt of, and that said allowances shall be as follows: Nine dollars and fifty cents per month in lieu of rations and clothing and six dollars and twenty-five cents per month in lie

Additional allowances.

of quarters, fuel, and light: *Provided*, That in computing the necessary thirty years' time all service in the Army, Navy, and Marine Corps shall be credited.

Credit for all service.

SEC. 2. That all Acts and parts of Acts, so far as they conflict with the provisions of this Act, are hereby repealed. Act March 2, 1907.]

[That the advancement in rank of officers of the Navy and Marine Corps, whensoever made, for service rendered during the war with Spain, pursuant, respectively, to the provisions of sections fifteen hundred and six and sixteen hundred and five of the Revised Statutes, shall not interfere with the regular promotion of officers otherwise entitled to promotion, but officers so advanced, by reason of war service, shall, after they are promoted to higher grades, be carried thereafter as additional to the numbers of each grade to which they may at any time be promoted; and each such officer shall hereafter be promoted in due course, contemporaneously with and to take rank next after the officer immediately above him; and all advancements made by reason of war service shall be appropriately so designated upon the official Navy list: *Provided, however*, That no promotion shall be made to fill a vacancy occasioned by the promotion, retirement, death, resignation, or dismissal of any officer who, at the time of such promotion, retirement, death, resignation, or dismissal, is an additional member of his grade under the foregoing provisions.—Act March 3, 1901, page 335.]

Carried as additional numbers.

Marine Corps. Memo: See increase in numbers. Act May 13, 1908. Year-book, p. 590.

SEC. 18. That from and after the date of the approval of this Act the active list of the line officers of the United States Marine Corps shall consist of one brigadier-general commandant, five colonels, five lieutenant-colonels, ten majors, sixty captains, sixty first lieutenants, and sixty second lieutenants: *Provided*, That vacancies in all grades in the line created by this section shall be filled as far as possible by promotion by seniority from the line officers on the active list of said Corps: *And provided further*, That the commissions of officers now in the Marine Corps shall not be vacated by this act: *And provided further*, That vacancies in the grade of brigadier-general shall be filled by selection from officers on the active list of the Marine Corps not below the grade of field officer.

Vacancies—how filled.

Existing commissions unaffected.

Brigadier-general.

SEC. 19. That the vacancies existing in said Corps after the promotions and appointments herein provided for shall be filled by the President from time to time, whenever the actual needs of the naval service require it, first, from the graduates of the Naval Academy in the manner now provided by law; or, second, from those who are serving or who have served as second lieutenants in the Marine Corps during the war with Spain; or, third, from meritorious noncommissioned officers of the Marine Corps; or, fourth, from civil life: *Provided*, That after said vacancies are once filled there shall be no further appointments from civil life.

Original vacancies—how filled.

No appointments from civil life thereafter.

Age limit, etc.

SEC. 20. That no person except such officers or former graduates of the Naval Academy as have served in the war with Spain, as hereinbefore provided for, shall be appointed a commissioned officer in the Marine Corps who is under twenty or over thirty years of age; and that no person shall be appointed a commissioned officer in said corps until he shall have passed such examination as may be prescribed by the President of the United States, except graduates of the Naval Academy, as above provided. That the officers of the Marine Corps above the grade of captain, except brigadier-general, shall, before being promoted, be subjected to such physical, mental, and moral examination as is now, or may hereafter be, prescribed by law for other officers of the Marine Corps.

Examination.

Immediate appointments.

SEC. 21. That upon the passage of this Act not more than forty-five of the captains, forty-five first lieutenants and forty-five second lieutenants herein provided for shall be appointed; fifteen captains, fifteen first lieutenants and fifteen second lieutenants to be appointed subsequently to January first, nineteen hundred.

Staff.

Memo: See increase in force. Act May 13, 1908. Yearbook, p. 590.

SEC. 22. That the staff of the Marine Corps shall consist of one adjutant and inspector, one quartermaster and one paymaster, each with the rank of colonel; one assistant adjutant and inspector, two assistant quartermasters and one assistant paymaster, each with the rank of major; and three assistant quartermasters with the rank of captain. That the vacancies created by this Act in the departments of the adjutant and inspector and paymaster shall be filled first by promotion according to seniority of the officers in each of these departments respectively, and then by selection from the line officers on the active list of the Marine Corps not below the grade of captain, and who shall have seen not less than ten years' service in the Marine Corps. That the vacancies created by this Act in the quartermaster's department of said corps shall be filled, first by promotion according to seniority of the officers in this department, and then by selection from the line officers on the active list of said corps not below the grade of first lieutenant: *Provided*, That all vacancies hereafter occurring in the staff of the Marine Corps shall be filled first by promotion according to seniority of the officers in their respective departments, and then by selection from officers of the line on the active list, as hereinbefore provided for.

Vacancies—how filled.

Subsequent vacancies.

Enlisted force.

SEC. 23. That the enlisted force of the Marine Corps shall consist of five sergeant majors, one drum major, twenty quartermaster sergeants, seventy-two gunnery sergeants with the rank and allowance of the first sergeant, and whose pay shall be thirty-five dollars per month; sixty first sergeants; two hundred and forty sergeants; four hundred and eighty corporals; eighty drummers; eighty trumpeters; and four thousand nine hundred and sixty-two privates.

Pay.

[In addition to the enlisted force of the Marine Corps now authorized by law there may be enlisted ten gunnery-

sergeants, forty sergeants, sixty corporals, ten drummers ten trumpeters, and six hundred and twenty privates.—Act July 1, 1902, page 392.]

[That from and after the passage of this Act, and in order to further increase the efficiency of the Marine Corps, the following additional officers, noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps, are hereby authorized and directed, namely: One colonel, one lieutenant-colonel, five majors, twelve captains, twenty-five first lieutenants, twelve second lieutenants, one assistant adjutant and inspector with the rank of lieutenant-colonel, two assistant adjutants and inspectors with the rank of major, one assistant quartermaster with the rank of lieutenant-colonel, five assistant quartermasters with the rank of captain, one assistant paymaster with the rank of lieutenant-colonel, one assistant paymaster with the rank of captain, one sergeant-major, forty quartermaster-sergeants, twelve first sergeants, sixty-five sergeants, fifty-five corporals, ten drummers, ten trumpeters, and five hundred and twenty-seven privates: *Provided*, That the vacancies now existing in the line and the staff departments of the Marine Corps and those created by this Act below the grade of brigadier-general shall be filled, respectively, first by promotion by seniority and then by selection and appointment as now provided by law, excepting that vacancies in the grade of second lieutenant shall be filled first, as far as practicable, from graduates of the Naval Academy each year on completing the prescribed course at the Naval Academy, exclusive of the probationary tour of sea service before final graduation, then from meritorious noncommissioned officers from civil life between the ages of twenty-one and twenty-seven years: *Provided*, That the commissions of officers now in the Marine Corps shall not be vacated by this Act: *And provided further*, That officers selected for appointment to fill vacancies in the grade of field officers in any of the staff departments shall be taken from officers on the active list not below the grade of captain and who have seen not less than seven years' service as commissioned officers in the Marine Corps. And that appointments to the grade of captain in any of the staff departments shall be made from officers on the active list of the Marine Corps not below the grade of first lieutenant.—[Act of March 3, 1903, page 423.]

Memo: See also act May 13, 1908. Yearbook, p. 590.

Band.

SEC. 24. That the band of the United States Marine Corps shall consist of one leader, with the pay and allowances of a first lieutenant; one second leader, whose pay shall be seventy-five dollars per month, and who shall have the allowances of a sergeant major; thirty first class musicians, whose pay shall be sixty dollars per month; and thirty second class musicians whose pay shall be fifty dollars per month and the allowances of a

sergeant; such musicians of the band to have no increased pay for length of service.

[That officers of the Marine Corps with creditable records who served during the civil war shall, when retired, be retired in like manner and under the same conditions as provided for officers of the Navy who served during the civil war.—Act April 27, 1904, page 457.]

[That any officer of the Marine Corps below the grade of brigadier-general who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Marine Corps, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service, or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Marine Corps with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this Act shall not apply to any officer who received an advance of grade since the date of his retirement or who has been restored to the Marine Corps and placed on the retired list by virtue of the provisions of a special Act of Congress.—Act June 29, 1906, page 492.]

Oath.

SEC. 25. That the oath of allegiance now provided for the officers and men of the Army and Marine Corps shall be administered hereafter to the officers and men of the Navy.

Repeal of conflicting acts.

SEC. 26. That all acts and parts of acts, so far as they conflict with the provisions of this Act, are hereby repealed.

Approved, March 3, 1899.

64517—S. Doc. 570, 60-2——39

UNITED STATES NAVY.

Information, in tabular form, compiled by Pitman Pulsifer, under the following heads:

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UNITED STATES NAVY.

NAVAL APPROPRIATIONS.

Total amounts of annual naval appropriation acts for each year from act of March 3, 1883, to and including act of May 13, 1908.

1883 (47-2)	$14,819,976.80	1897 (55-1)	$30,562,660.95
1884 (48-1)	15,894,434.23	1898 (55-2)	33,003,234 19
1885 (48-2)	14,980,472.59	1899 (55-3)	56,098,783.68
1886 (49-1)	15,070,837.95	1900 (56-1)	48,099,969.58
1887 (49-2)	16,489,907.20	1901 (56-2)	65,140,916.67
1888 (50-1)	25,767,348.19	1902 (57-1)	78,101,791.00
1889 (50-2)	19,942,835.35	1903 (57-2)	81,876,791.43
1890 (51-1)	21,692,510.27	1904 (58-2)	97,505,140.94
1891 (51-2)	24,136,035.53	1905 (58-3)	100,336,679.94
1892 (52-1)	31,541,654.78	1906 (59-1)	102,091,670.27
1893 (52-2)	23,543,385.00	1907 (59-2)	98,958,507.50
1894 (53-2)	22,104,061.38	1908 (60-1)	122,662,485.47
1895 (53-3)	25,327,126.72		
1896 (54-1)	29,416,245.31	Total	1,215,165,462.92

Appropriations for the naval service, outside of the annual naval appropriation acts, from May 1, 1884, to and including May 30, 1908.

Act May 1, 1884—Deficiency (48-1)	$254,000.00
Act July 7, 1884—Deficiency (48-1)	209,260.79
Act July 7, 1884—Sundry civil (48-1)	425,000.00
Total, 1884 (48-1)	888,260.79
Act March 3, 1885—Deficiency (48-2)	792,209.50
Act March 3, 1885—Sundry civil (48-2)	480,237.92
Total, 1885 (48-2)	1,272,447.42
Act March 26, 1886—Deficiency (49-1)	251,863.00
Act August 4, 1886—Sundry civil (49-1)	452,595.00
Act August 4, 1886 (49-1)	277,354.93
Total, 1886 (49-1)	981,812.93
(Nothing in 1887.)	
Act February 1, 1888—Deficiency (50-1)	102,587.60
Act October 19, 1888—Deficiency (50-1)	393,718.97
Total, 1888 (50-1)	496,306.57
Act March 2, 1889—Deficiency (50-2)	2,208,152.03
Total, 1889 (50-2)	2,208,152.03
Act April 4, 1890—Deficiency (51-1)	56,000.00
Act September 30, 1890—Deficiency (51-1)	517,553.35
Total, 1890 (51-1)	573,553.35

Act March 3, 1891—Deficiency (51-2)	$1,193,886.47
Total, 1891 (51-2)	1,193,886.47
Act July 28, 1892—Deficiency (52-1)	123,195.92
Total, 1892 (52-1)	123,195.92
Act March 3, 1893—Deficiency (52-2)	67 872.99
Total, 1893 (52-2)	67 872.99
Act April 21, 1894—Deficiency (53-2)	40,000.00
Act August 18, 1894—Sundry civil (53-2)	45,000.00
Act August 23, 1894—Deficiency (53-2)	205,063.61
Total, 1895 (53-3)	148,235.85
Act March 2, 1895—Deficiency (53-3)	148,235.85
Total, 1895 (53-3)	148,235.85
Act February 27, 1896—Deficiency (54-1)	102,810.56
Act June 8, 1896—Deficiency (54-1)	396,658.56
Total, 1896 (54-1)	499,469.12
Act December 22, 1896—Deficiency (54-2)	700,000.00
Total, 1896 (54-2)	700,000.00
Act July 19, 1897—Deficiency (55-1)	558,233.62
Joint resolution, June 26, 1897	100,000.00
Total, 1897 (55-1)	658,233.62
Act January 28, 1898—Deficiency (55-2)	940,000.00
Act March 9, 1898—Deficiency (55-2)	50,117,000.00
Act May 4, 1898—Deficiency (55-2)	100,000.00
Act June 8, 1898—Deficiency (55-2)	2,500,000.00
Act July 7, 1898—Deficiency (55-2)	38,640,741.59
Total, 1898 (55-2)	92,297,741.59
Act January 5, 1899—Deficiency (55-3)	4,568,853.00
Act March 3, 1899 (55-3)	203,086.34
Act March 3, 1899—Deficiency (55-3)	1,677,070.04
Total, 1899 (55-3)	6,449,009.38
Act February 9, 1900—Deficiency (56-1)	4,600,000.00
Act March 30, 1900—Deficiency (56-1)	645,000.00
Act June 6, 1900—Deficiency (56-1)	227,801.32
Act June 6, 1900—River and harbor (56-1)	10,000.00
Total, 1900 (56-1)	5,482,801.32
Act January 4, 1901—Deficiency (56-2)	10,000.00
Act March 3, 1901—Deficiency (56-2)	4,365,858.78
Total, 1901 (56-2)	4,375,858.78
Act February 14, 1902—Deficiency (57-1)	6,030,263.77
Act April 7, 1902—Deficiency (57-1)	3,189.39
Act May 27, 1902—Allowance of claims (57-1)	13,063.75
Act July 1, 1902—Deficiency (57-1)	234,243.89
Total, 1902 (57-1)	6,280,760.80

Act March 3, 1903—Deficiency (57–2)	$2,695,257.30
Act March 3, 1903—Sundry civil (57–2)	100,000.00
Total, 1903 (57–2)	2,795,257.30
Act February 18, 1904—Deficiency (58–2)	3,257,622.94
Act April 27, 1904—Deficiency (58–2)	2,870,351.52
Total, 1904 (58–2)	6,127,974.46
Act March 3, 1905—Deficiency (58–3)	15,084,317.81
Total, 1905 (58–3)	15,084,317.81
Act February 27, 1906—Urgent deficiency (59–1)	1,021,043.77
Act April 23, 1906—Deficiency (59–1)	4,000.00
Act June 30, 1906—Deficiency (59–1)	1,292,005.79
Act May 3, 1906—Appropriations on account of earthquake, Pacific coast (59–1)	100,000.00
Total, 1906 (59–1)	2,417,049.56
Act March 4, 1907—Deficiency (59–2)	484,790.82
Act February 9, 1907—Urgent deficiency (59–2)	250,000.00
Total, 1907 (59–2)	734,790.82
Act May 30, 1908—Deficiency (60–1)	3,695,403.23
Act February 15, 1908—Urgent deficiency (60–1)	1,615,083.25
Act April 7, 1908—Additional urgent deficiency (60–1)	2,000,000.00
Total, 1908 (60–1)	7,310,486.48
Total in twenty-five years (additional to annuals)	159,458,538.97
Grand total in twenty-six years (annuals and other appropriations)	1,374,624,001.89

Appropriations for the naval establishment.

RECAPITULATION.

Year and Congress.	Annual.	Additional.	Total.
1883 (47–2)	$14,819,976.80		$14,819,976.80
1884 (48–1)	15,894,434.23	$888,260.79	16,782,695.02
1885 (48–2)	14,980,472.59	1,272,447.42	16,252,920.01
1886 (49–1)	15,070,837.95	981,812.93	16,052,650.88
1887 (49–2)	16,489,907.20		16,489,907.20
1888 (50–1)	25,767,348.19	496,306.57	26,263,654.76
1889 (50–2)	19,942,835.35	2,208,152.03	22,150,987.38
1890 (51–1)	21,692,510.27	573,553.35	22,266,063.62
1891 (51–2)	24,136,035.53	1,193,886.47	25,329,922.00
1892 (52–1)	31,541,654.78	123,195.92	31,664,850.70
1893 (52–2)	23,543,385.00	67,872.99	23,611,257.99
1894 (53–2)	22,104,061.38	290,063.61	22,394,124.99
1895 (53–3)	25,327,126.72	148,235.85	25,475,362.57
1896 (54–1)	29,416,245.31	1,199,469.12	30,615,714.43
1897 (55–1)	30,562,660.95	658,233.62	31,220,894.57
1898 (55–2)	33,003,234.19	92,298,741.59	125,301,975.78
1899 (55–3)	56,098,783.68	6,449,009.38	62,547,793.06
1900 (56–1)	48,099,969.58	5,482,801.32	53,582,770.90
1901 (56–2)	65,140,916.67	4,375,858.78	69,516,775.45
1902 (57–1)	78,101,791.00	6,280,760.80	84,382,551.80
1903 (57–2)	81,876,791.43	2,795,257.30	84,672,048.73
1904 (58–2)	97,505,140.94	6,127,974.46	103,633,115.40
1905 (58–3)	100,336,679.94	15,084,317.81	115,420,997.75
1906 (59–1)	102,091,670.37	2,417,049.56	104,508,719.93
1907 (59–2)	98,958,507.50	734,790.82	99,693,298.32
1908 (60–1)	122,662,485.47	7,310,486.48	129,972,971.95
Total	1,215,165,462.92	159,458,538.97	1,374,624,001.89

The "additional" appropriation for 1896 was appropriated in two sessions of Congress—(54–1 and 54–2).
The "additional" appropriation for 1898 includes $50 000 000, which was appropriated for "national defense."

LIST OF VESSELS.

ALPHABETICAL LIST OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE.

Name.	Type	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.	Year and Congress authorized.
		Tons.	*Knots.*	*Ft. in.*		
Adder*	Submarine torpedo boat				$170,000	1900 (56-1)
Alabama	[b] First-class battle ship	11,565	17.103	23 6	2,650,000	1896 (54-1)
Amphitrite	Monitor	3,990	10.5	14 6		1886 (49-1)
Annapolis	Gunboat	1,060	13.17	12 5	227,700	1895 (53-3)
Arkansas	Monitor	3,235	11.5	12 6	960,000	1898 (55-2)
Atlanta	Protected cruiser	3,000	15.6	16 10	617,000	1883 (47-2)
Bagley	Torpedo boat	175	29.2	4 11½	161,000	1898 (55-2)
Bailey	....do	280	30.198	6 10	210,000	1897 (54-2)
Bainbridge	Torpedo-boat destroyer	420	29	6 6	283,000	1898 (55-2)
Baltimore	Protected cruiser	4,413	20.096	20 0	1,325,000	1886 (49-1)
Bancroft	Gunboat	839	14.37	12 2	250,000	1888 (50-1)
Barney	Torpedo boat	175	29.1	4 11½	161,000	1898 (55-2)
Barracuda	Submarine torpedo boat					1908 (60-1)
Barry	Torpedo-boat destroyer	420	29	6 6	283,000	1898 (55-2)
Bennington	Gunboat	1,710	17.5	14 0	490,000	1887 (49-2)
Biddle	Torpedo boat	175	28	4 11½	161,000	1898 (55-2)
Birmingham	Scout cruiser	3,750			[a]1,900,000	1904 (58-2)
Blakely	Torpedo boat	200	26	5 10¾	159,400	1898 (55-2)
Bonita	Submarine torpedo boat	274	10.5		285,000	1906 (59-1) 1907 (59-2)
Boston	Protected cruiser	3,035	15.60	17 0	619,000	1883 (47-2)
Brooklyn	Armored cruiser	9,215	21.91	24 0	2,986,000	1892 (52-1)
Burrows	Torpedo-boat destroyer	742	29.5	8 4	665,000	1908 (60-1)
California	Armored cruiser	13,680	22	24 1	3,800,000	1899 (55-3)
Carp	Submarine torpedo boat					1908 (60-1)
Castine	Gunboat	1,177	16.032	12 0	318,500	1889 (50-2)
Charleston (destroyed)	Protected cruiser	3,370	18.2	18 7	1,017,500	1885 (48-2)
Charleston	....do	9,700	22	22 6	2,740,000	1900 (56-1)
Chattanooga	....do	3,200	16.5	15 9	1,039,966	1899 (55-3)
Chauncey	Torpedo-boat destroyer	420	29	6 6	283,000	1898 (55-2)
Chesapeake	Training ship	1,175		16 6	112,600	1897 (54-2)
Chester	Scout cruiser	3,750			[a]1,900,000	1904 (58-2)
Cheyenne (formerly Wyoming)	Monitor	3,218	11.50	12 6	975,000	1898 (55-2)
Chicago	Protected cruiser	5,000	18	20 4½	889,000	1883 (47-2)
Cincinnati [b]	....do	3,213	19	18 0	[a]1,100,000	1888 (50-1)
Cleveland	....do	3,200	16.5	15 9⅜	1,041,650	1899 (55-3)
Colorado	Armored cruiser	13,680	22	24 1	3,780,000	1900 (56-1)
Columbia	Protected cruiser	7,375	22.8	22 6	2,725,000	1890 (51-1)
Concord	Gunboat	1,710	16.8	14 0	490,000	1887 (49-2)
Connecticut [b]	First-class battle ship	16,000	18	24 6	[a]4,212,000	1902 (57-1)
Craven	Torpedo boat	146.4	30.5	4 7½	194,000	1896 (54-1)
Cumberland [b]	Training ship	1,800		16 5½	[a]370,000	1903 (57-2)
Cushing	Torpedo boat	105	22.5	4 10½	82,750	1886 (49-1)
Cyclops	Fleet collier					1908 (60-1)
Dahlgren	Torpedo boat	146.4	30.5	4 7½	194,000	1896 (54-1)
Dale	Torpedo-boat destroyer	420	28	6 6	260,000	1898 (55-2)
Davis	Torpedo boat	154	23.41	5 10	81,546	1896 (54.1)
Decatur	Torpedo-boat destroyer	420	28	6 6	260,000	1898 (52-2)
Delaware	First-class battle ship	20,000	21	26 11	3,987,000	1906 (59-1)
De Long	Torpedo boat	200	26	5 10¾	159,400	1898 (55-2)
Denver	Protected cruiser	3,200	16.5	15 9	1,080,000	1899 (55-3)
Des Moines	....do	3,200	16.5	15 9	1,065,000	1899 (55-3)
Detroit	Unprotected cruiser	2,089	18.71	14 7	612,500	1888 (50-1)
Dolphin	Dispatch boat	1,486	15.50	14 3	315,000	1883 (47-2)
Drayton	Torpedo-boat destroyer	742	29.5	8 4	644,000	1908 (60-1)
Dubuque	Gunboat	1,050	12.50	12 3		1902 (57-1)
Dupont	Torpedo boat	165	28.58	4 8	144,000	1895 (53-3)
Ericsson	....do	120	24	4 9	113,500	1890 (51-1)
Farragut	....do	279	30.13	6 0	227,500	1896 (54-1)
Flusser	Torpedo-boat destroyer	700	28	8 0	624,000	1907 (59-2)
Florida [b]	First-class battle ship	21,825	20?		[a]6,000,000	1908 (60-1)
Foote	Torpedo boat	142	24.534	5 0	97,500	1894 (53-2)
Fox	....do	154	23.13	5 10	81,546	1896 (54-1)
Galveston	Protected cruiser	3,200	16.5	15 9	1,027,000	1899 (55-3)
Georgia	First-class battle ship	14,948	19	29 9	3,500,000	1899 (55-3)
Goldsboro	Torpedo boat	247.5	30	5 0	214,500	1897 (52-2)
Grampus*	Submarine torpedo boat				170,000	1900 (56-1)
Grayling	....do	337	13		360,000	1906 (59-1) 1907 (59-2)
Gunboat No. 16	Gunboat					1898 (55-2)
Gwin	Torpedo boat	45.78	20.88	3 3	39,000	1896 (54 1)
Hector	Steam collier	11,200	12	24 6	479,600	1908 (60-1)

*See history submarine-boat legislation. [a] Maximum cost. [b] Built in government yard.

ALPHABETICAL LIST OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.	Year and Congress authorized.
		Tons.	*Knots.*	*Ft. in.*		
Helena	Gunboat	1,397	15.50	9 0	$280,000	1893 (52-2)
Holland*	Submarine torpedo boat				[a] 150,000	
Hopkins	Torpedo-boat destroyer	408	29	6 0	291,000	1898 (55-2)
Hull	do	408	29	6 0	291,000	1898 (55-2)
Idaho	First-class battle ship	13,000	17	24 8	2,999,500	1903 (57-2)
Illinois	do	11,565	17.449	23 6	2,595,000	1896 (54-1)
Indiana	do	10,288	15.547	24 0	3,063,000	1890 (51-1)
Intrepid [b]	Training ship	1,800		16 5½	[c] 370,000	1903 (57-2)
Iowa	First-class battle ship	11,340	17.09	24 0	3,010,000	1892 (52-1)
Jupiter	Fleet collier					1908 (60-1)
Kansas	First-class battle ship	16,000	18	24 6	4,165,000	1903 (57-2)
Katahdin	Ram	2,155	16.11	15 0	930,000	1889 (50-2)
Kearsarge	First-class battle ship	11,540	16.816	23 6	2,250,000	1895 (53-3)
Kentucky	do	11,540	16.897	23 6	2,250,000	1895 (53-3)
Lamson	Torpedo-boat destroyer	700	28.0	8 0	585,000	1906 (59-1)
Lawrence	do	402	30	6 6¾	281,000	1898 (55-2)
Louisiana	First-class battle ship	16,000	18	23 9	3,990,000	1902 (57-1)
Macdonough	Torpedo-boat destroyer	402	30	6 6¾	281,000	1898 (55-2)
Machias	Gunboat	1,177	15.46	12 0	318,500	1889 (50-2)
McCall	Torpedo-boat destroyer	742	29.5	8 4	665,000	1908 (60-1)
McKee	Torpedo boat	65	19.82	4 3	45,000	1896 (54-1)
Mackenzie	do	65	20.11	4 3	48,500	1896 (54-1)
Maine	First-class battle ship	12,300	18	23 6	2,885,000	1898 (55-2)
Maine (destroyed) [b]	Second-class battle ship	6,682	17.45	21 6		1886 (49-1)
Marblehead	Unprotected cruiser	2,089	18.44	14 7	674,000	1888 (50-1)
Marietta	Gunboat	1,000	13.02	12 0	223,000	1895 (53-3)
Mars	Steam collier	11,200	12	24 6	479,600	1908 (60-1)
Maryland	Armored cruiser	13,080	22	24 1	3,775,000	1900 (56-1)
Massachusetts	First-class battle ship	10,288	16.21	24 0	3,063,000	1890 (51-1)
Mayrant	Torpedo-boat destroyer	742	29.5	8 4	664,000	1908 (60-1)
Miantonomoh	Monitor	3,990	10.5	14 6		1887 (49-2)
Michigan	First-class battle ship	16,000		24 6	3,585,000	1905 (58-3)
Milwaukee	Protected cruiser	9,700	22	22 6	2,825,000	1900 (56-1)
Minneapolis	do	7,375	23.073	22 6	2,600,000	1891 (51-2)
Minnesota	First-class battle ship	16,000	18	24 6	4,110,000	1903 (57-2)
Mississippi	do	13,000	17	24 8	2,999,500	1903 (57-2)
Missouri	do	12,240	18	23 6	2,895,000	1898 (55-2)
Moccasin	Submarine torpedo boat				170,000	1900 (56-1)
Monadnock	Monitor	4,005	12	14 7		1886 (49-1)
Montana	Armored cruiser	14,500	22	25 0	[c] 4,400,000	1904 (58-2)
Monterey	Monitor	4,084	13.6	14 10	1,628,950	1887 (49-2)
Montgomery	Unprotected cruiser	2,089	19.05	14 7	674,000	1888 (50-1)
Morris	Torpedo boat	104.75	24	4 0¾	85,000	1896 (54-1)
Narwhal	Submarine torpedo boat	337	13		360,000	1906 (59-1) 1907 (59-2)
Nashville	Gunboat	1,371	16.3	11 0	180,000	1893 (52-2)
Nebraska	First-class battle ship	14,948	19	23 9	3,733,600	1899 (55-3)
Newark	Protected cruiser	4,098	19	18 9	1,248,000	1885 (48-2)
Nevada	Monitor	3,228	11.5	12 6	962,000	1898 (55-2)
New Hampshire	First-class battle ship	16,000	18	24 6	3,748,000	1904 (58-2)
New Jersey	do	14,948	19	23 9	3,405,000	1900 (56-1)
Newport	Gunboat	1,000	12.29	12 0	229,400	1895 (53-3)
New York	Armored cruiser	8,200	21	23 3½	2,985,000	1888 (50-1)
Nicholson	Torpedo boat	174	26	4 6	165,000	1898 (55-2)
North Carolina	Armored cruiser	14,500	22	25 0	[c] 4,400,000	1904 (58-2)
North Dakota	First-class battle ship	20,000	21	26 11	4,377,000	1907 (59-2)
O'Brien	Torpedo boat	174	26	4 6	165,000	1898 (55-2)
Ohio	First-class battle ship	12,440	18	23 6	2,899,000	1898 (55-2)
Olympia	Protected cruiser	5,870	21.686	21 6	1,796,000	1888 (50-1)
Oregon	First-class battle ship	10,288	16.79	24 0	3,222,810	1890 (51-1)
Paducah	Gunboat	1,100	12	12 9½		1902 (57-1)
Paulding	Torpedo-boat destroyer	742	29.5	8 4	644,000	1908 (60-1)
Paul Jones	do	420	29	6 6	285,000	1898 (55-2)
Pennsylvania	Armored cruiser	13,680	22	24 1	3,890,000	1899 (55-3)
Perkins	Torpedo-boat destroyer	742	29.5	8 4	610,000	1908 (60-1)
Perry	do	420	29	6 6	285,000	1898 (55-2)
Petrel	Gunboat	892	11.79	11 7	274,000	1885 (48-2)
Philadelphia	Protected cruiser	4,410	19.678	19 6	1,350,000	1887 (49-2)
Pickerel	Submarine torpedo boat					1908 (60-1)

* See history submarine boat legislation.
[a] Purchase price.
[b] Built in government yard.
[c] Maximum cost.

ALPHABETICAL LIST OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.	Year and Congress authorized.
		Tons.	*Knots.*	*Ft. in.*		
Pike*	Submarine torpedo boat.	.....	.....	.....	$170,000	1900 (56-1)
Plunger*	....do.....	.....	.....	.....	150,000	1893 (52-2)
Porpoise*	....do.....	.....	.....	.....	170,000	1900 (56-1)
Porter	Torpedo boat.....	165	28.630	4 8	144,000	1895 (53-3)
Preble	Torpedo-boat destroyer..	420	29	16 6	285,000	1898 (55-2)
Preston	....do.....	700	28	8 0	645,000	1906 (59-1)
Princeton	Gunboat.....	1,100	.....	12 9½	230,000	1895 (53-3)
Prometheus	Fleet collier.....	.....	.....	.....	a1,250,000	1904 (58-2)
Puritan	Monitor.....	6,060	12.4	18 0	.....	1886 (49-1)
Raleigh b	Protected cruiser.....	3,213	19	18 0	a1,100,000	1888 (50-1)
Reid	Torpedo-boat destroyer .	700	28	8 0	624,000	1907 (59-2)
Rhode Island	First-class battle ship...	14,948	19	23 9	3,405,000	1900 (56-1)
Rodgers	Torpedo boat.....	142	24.49	5 0	97,500	1894 (53-2)
Roe	Torpedo-boat destroyer .	742	29.5	8 4	620,000	1908 (60-1)
Rowan	Torpedo boat.....	182	27.074	5 11½	160,000	1895 (53-3)
St. Louis	Protected cruiser.....	9,700	22	22 6	2,740,000	1900 (56-1)
Salem	Scout cruiser.....	3,750	.....	.....	a1,800,000	1904 (58-2)
Salmon	Submarine torpedo boat.	337	13	.....	360,000	1906 (59-1) 1907 (59-2)
San Francisco	Protected cruiser.....	4,098	19.525	18 9	1,428,000	1887 (49-2)
Shark*	Submarine torpedo boat.	.....	.....	.....	170,000	1900 (56-1)
Shubrick	Torpedo boat.....	200	25	5 2	129,750	1898 (55-2)
Skate	Submarine torpedo boat.	.....	.....	.....	.....	1908 (60-1)
Skipjack	....do.....	.....	.....	.....	.....	1908 (60-1)
Smith	Torpedo-boat destroyer..	700	28	8 0	585,000	1906 (59-1)
Snapper	Submarine torpedo boat.	274	10.5	.....	285,000	1906 (59-1) 1907 (59-2)
South Carolina	First-class battle ship...	16,000	.....	24 6	3,540,000	1905 (58-3)
South Dakota	Armored cruiser.....	13,680	22	24 1	3,750,000	1900 (56-1)
Sterrett	Torpedo-boat destroyer .	742	29.5	8 4	610,000	1908 (60-1)
Stewart	....do.....	420	29	6 6	282,000	1898 (55-2)
Stingray	Submarine torpedo boat.	274	10.5	.....	285,000	1906 (59-1) 1907 (59-2)
Stockton	Torpedo boat.....	200	24.75	5 2	129,750	1898 (55-2)
Stringham	....do.....	340	30	6 6	236,000	1897 (54-2)
Sturgeon	Submarine torpedo boat.	.....	.....	.....	.....	1908 (60-1)
Tacoma	Protected cruiser.....	3,200	16.5	15 9	1,041,900	1899 (55-3)
Talbot	Torpedo boat.....	46.5	21.15	3 3½	39,000	1896 (54-1)
Tallahassee (formerly Florida).	Monitor.....	3,235	11.50	12 6	925,000	1898 (55-2)
Tarpon	Submarine torpedo boat.	274	10.5	.....	285,000	1906 (59-1) 1907 (59-2)
Tennessee	Armored cruiser.....	14,500	22	25 0	4,035,000	1902 (57-1)
Terror	Monitor.....	3,990	10.5	14 6	.....	1886 (49-1)
Terry	Torpedo-boat destroyer.	742	29.5	8 4	620,000	1908 (60-1)
Texas b	Second-class battle ship.	6,315	17.8	22 6	b2,500,000	1886 (49-1)
Thornton	Torpedo boat.....	200	26	5 2	129,750	1898 (55-2)
Thrasher	Submarine torpedo boat.	.....	.....	.....	.....	1908 (60-1)
Tingey	Torpedo boat.....	165	26	4 8	168,000	1898 (55-2)
Truxton	Torpedo-boat destroyer .	433	30	6 0	286,000	1898 (55-2)
Tuna	Submarine torpedo boat.	.....	.....	.....	.....	1908 (60-1)
Utah	First-class battle ship...	21,825	20¾	.....	3,946,000	1908 (60-1)
Vermont	....do.....	16,000	18	24 6	4,179,000	1903 (57-2)
Vestal	Fleet collier.....	.....	.....	.....	a1,250,000	1904 (58-2)
Vesuvius	Dynamite-gun cruiser...	929	21.42	10 7½	350,000	1886 (49-1)
Vicksburg	Gunboat.....	1,000	12.71	12 0	229,400	1895 (53-3)
Virginia	First-class battle ship...	14,948	19	23 9	3,590,000	1899 (55-3)
Vulcan	Steam collier.....	11,200	12	24 6	479,600	1908 (60-1)
Warrington	Torpedo-boat destroyer..	742	29.5	8 4	664,000	1908 (60-1)
Washington	Armored cruiser	14,500	22	25 0	4,035,000	1902 (57-1)
West Virginia	....do.....	13,680	22	24 1	3,885,000	1899 (55-3)
Wheeling	Gunboat.....	1,000	12.88	12 0	219,000	1895 (53-3)
Whipple	Torpedo-boat destroyer..	433	30	6 0	286,000	1898 (55-2)
Wilkes	Torpedo boat.....	165	26.50	4 8	146,000	1898 (55-2)
Wilmington	Gunboat.....	1,397	15.08	9 0	280,000	1893 (52-2)
Winslow	Torpedo boat.....	142	24.82	5 0	97,500	1894 (53-2)
Wisconsin	First-class battle ship...	11,653	17.174	23 8.1	2,674,950	1896 (54-1)
Worden	Torpedo-boat destroyer..	433	30	6 0	286,000	1898 (55-2)
Yorktown	Gunboat.....	1,710	16.14	14 0	455,000	1885 (48-2)

* See history submarine-boat legislation. a Maximum cost. b Built in government yard.

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE.

1883 (47TH, 2D)—Page 7.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
Atlanta	Protected cruiser	3,000	15.60	16 10	$617,000
Boston	do	3,035	15.60	17 0	619,000
Chicago	do	5,000	18	20 4½	889,000
Dolphin	Dispatch boat	1,486	15.50	14 3	315,000
Total		12,521			2,440,000

1885 (48TH, 2D)—Page 33.

Charleston (destroyed)	Protected cruiser	3,370	18.2	18 7	$1,017,500
Newark	do	4,098	19	18 9	1,248,000
Petrel	Gunboat	892	11.79	11 7	247,000
Yorktown	do	1,710	16.14	14 0	455,000
Total		10,070			2,967,500

1886 (49TH, 1ST)—Page 45.

Amphitrite	Monitor	3,990	10.5	14 6	
Baltimore	Protected cruiser	4,413	20.096	20 0	$1,325,000
Cushing	Torpedo boat	105	22.5	4 10½	159,400
Maine (destroyed) [a]	Second-class battle ship	6,682	17.45	21 6	2,500,000
Monadnock	Monitor	4,005	12	14 7	
Puritan	do	6,060	12.4	18 0	
Terror	do	3,990	10.5	14 6	
Texas [a]	Second-class battle ship	6,315	17.8	22 6	[b] 2,500,000
Vesuvius	Dynamite-gun cruiser	929	21.42	10 7½	350,000
Total		36,489			6,834,400

1887 (49TH, 2D)—Page 62.

Bennington	Gunboat	1,710	17.5	14 0	$490,000
Concord	do	1,710	16.8	14 0	490,000
Miantonomoh	Monitor	3,990	10.5	14 6	
Monterey	do	4,084	13.6	14 10	1,628,950
Philadelphia	Protected cruiser	4,410	19.678	19 6	1,350,000
San Francisco	do	4,098	19.525	18 9	1,428,000
Total		20,002			5,386,950

1888 (50TH, 1ST)—Page 81.

Bancroft	Gunboat	839	14.37	12 2	$250,000
Cincinnati [a]	Protected cruiser	3,213	19	18 0	[b] 1,100,000
Detroit	Unprotected cruiser	2,089	18.71	14 7	612,500
Marblehead	do	2,089	18.44	14 7	674,000
Montgomery	do	2,089	19.05	14 7	674,000
New York	Armored cruiser	8,200	21	23 3½	2,985,000
Olympia	Protected cruiser	5,870	21.686	21 6	1,796,000
Raleigh [a]	do	3,213	19	18 0	[b] 1,100,000
Total		27,602			9,191,500

1889 (50TH, 2D)—Page 99.

Castine	Gunboat	1,177	16.032	12 0	$318,500
Katahdin	Ram	2,155	16.11	15 0	930,000
Machias	Gunboat	1,177	15.46	12 0	318,500
Total		4,509			1,567,000

[a] Built in government yard. [b] Maximum cost.

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

1890 (51ST, 1ST)—Page 119.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
Columbia	Protected cruiser	7,375	22.8	22 6	$2,725,000
Ericsson	Torpedo boat	120	24	4 9	113,500
Indiana	First-class battle ship	10,288	15.547	24 0	3,063,000
Massachusetts	do	10,288	16.21	24 0	3,063,000
Oregon	do	10,288	16.79	24 0	3,222,810
Total		38,359			12,187,310

1891 (51ST, 2D)—Page 138.

Minneapolis	Protected cruiser	7,375	23.073	22 6	$2,690,000

1892 (52D, 1ST)—Page 157.

Brooklyn	Armored cruiser	9,215	21.91	44 0	$2,986,000
Iowa	First-class battle ship	11,340	17.09	24 0	3,010,000
Total		20,555			5,996,000

1893 (52D, 2D)—Page 176.

Helena	Gunboat	1,397	15.50	9 0	$280,000
Nashville	do	1,371	16.30	11 0	180,000
Plunger*	Submarine torpedo boat				150,000
Wilmington	Gunboat	1,397	15.08	9 0	280,000
Total		4,165			890,000

1894 (53D, 2D)—Page 196.

Foote	Torpedo boat	142	24.534	5 0	$97,500
Rodgers	do	142	24.49	5 0	97,500
Winslow	do	142	24.82	5 0	97,500
Total		426			292,500

1895 (53D, 3D)—Page 214.

Annapolis	Gunboat	1,060	13.17	12 5	$227,700
Dupont	Torpedo boat	165	28.58	4 8	144,000
Kearsarge	First-class battle ship	11,540	16.816	23 6	2,250,000
Kentucky	do	11,540	16.897	23 6	2,250,000
Marietta	Gunboat	1,000	13.02	12 0	223,000
Newport	do	1,000	12.29	12 0	229,400
Porter	Torpedo boat	165	28.630	4 8	144,000
Princeton	Gunboat	1,100		12 9½	230,000
Rowan	Torpedo boat	182	27.074	5 11½	160,000
Vicksburg	Gunboat	1,000	12.71	12 0	229,400
Wheeling	do	1,000	12.88	12 0	219,000
Total		29,752			6,306,500

* See history submarine-boat legislation.

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

1896 (54TH, 1ST)—Page 237.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
Alabama	First-class battle ship	11,565	17.103	23 6	$2,650,000
Craven	Torpedo boat	146.4	30.5	4 7½	194,000
Dahlgren	do	146.4	30.5	4 7½	194,000
Davis	do	154	23.41	5 10	81,546
Farragut	do	279	30.13	6 0	227,500
Fox	do	154	23.13	5 10	81,546
Gwin	do	45.78	20.88	3 3	39,000
Illinois	First-class battle ship	11,565	17.449	23 6	2,595,000
McKee	Torpedo boat	65	19.82	4 3	45,000
Mackenzie	do	65	20.11	4 3	48,500
Morris	do	104.75	24	4 0⅞	85,000
Talbot	do	46.5	21.15	3 3½	39,000
Wisconsin	First-class battle ship	11,653	17.174	23 8_{16}	2,674,950
Total		35,989.83			8,955,042

1897 (54TH, 2D)—Page 258.

Bailey	Torpedo boat	280	30.198	6 10	$210,000
Chesapeake	Training ship	1,175		16 6	112,600
Goldsborough	Torpedo boat	247.5	30	5 0	214,500
Stringham	do	340	30	6 6	236,000
Total		2,042.5			773,100

1898 (55TH, 2D)—Page 281.

Arkansas	Monitor	3,235	11.50	12 6	$960,000
Bagley	Torpedo boat	175	29.2	4 11½	161,000
Bainbridge	Torpedo-boat destroyer	420	29	6 6	283,000
Barney	Torpedo boat	175	29.1	4 11¾	161,000
Barry	Torpedo-boat destroyer	420	29	6 6	283,000
Biddle	Torpedo boat	175	28	4 11½	161,000
Blakely	do	200	26	5 10½	559,400
Chauncey	Torpedo-boat destroyer	420	29	6 6	283,000
Cheyenne (formerly Wyoming)	Monitor	3,218	11.50	12 6	975,000
Dale	Torpedo-boat destroyer	420	28	6 6	260,000
Decatur	do	420	28	6 6	260,000
De Long	Torpedo boat	200	26	5 10½	159,400
Gunboat No. 16	Gunboat	537			260,000
Hopkins	Torpedo-boat destroyer	408	29	6 0	291,000
Hull	do	408	29	6 0	291,000
Lawrence	do	402	30	6 6⅞	281,000
Macdonough	do	402	30	6 6⅞	281,000
Maine	First-class battle ship	12,300	18	23 6	2,885,000
Missouri	do	12,240	18	23 6	2,885,000
Nevada	Monitor	3,228	21.50	12 6	962,000
Nicholson	Torpedo boat	174	26	4 6	165,000
O'Brien	do	174	26	4 6	165,000
Ohio	First-class battle ship	12,440	18	23 6	2,899,000
Paul Jones	Torpedo-boat destroyer	420	29	6 6	285,000
Perry	do	420	29	6 6	285,000
Preble	do	420	29	6 6	285,000
Shubrick	Torpedo boat	200	25	5 2	129,750
Stewart	Torpedo-boat destroyer	420	29	6 6	282,000
Stockton	Torpedo boat	200	24.75	5 2	129,750
Tallahassee (formerly Florida)	Monitor	3,235	11.50	12 6	925,000
Thornton	Torpedo boat	200	26	5 2	129,750
Tingey	do	165	26	4 8	168,000
Truntun	Torpedo-boat destroyer	433	30	6 0	286,000
Whipple	do	433	30	6 0	286,000
Wilkes	Torpedo boat	165	26.50	4 8	146,000
Worden	Torpedo-boat destroyer	433	30	6 0	286,000
Total		59,335			19,494,050

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

1899 (55TH, 3D)—Page 305.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
California	Armored cruiser	13,680	22	24 1	$3,800,000
Chattanooga	Protected cruiser	3,200	16.5	15 9	1,039,966
Cleveland	....do	3,200	16.5	15 9⅜	1,041,650
Denver	....do	3,200	16.5	15 9	1,080,000
Des Moines	....do	3,200	16.5	15 9	1,065,000
Galveston	....do	3,200	16.5	15 9	1,027,000
Georgia	First-class battle ship	14,948	19	29 9	3,590,000
Nebraska	....do	14,948	19	23 9	3,733,600
Pennsylvania	Armored cruiser	13,680	22	24 1	3,890,000
Tacoma	Protected cruiser	3,200	16.5	15 9	1,041,900
Virginia	First-class battle ship	14,948	19	23 9	3,590,000
West Virginia	Armored cruiser	13,630	22	24 1	3,885,000
Total		105,034			28,784,116

1900 (56TH, 1ST)—Page 332.

Adder*	Submarine torpedo boat				$170,000
Charleston	Protected cruiser	9,700	22	22 6	2,740,000
Colorado	Armored cruiser	13,680	22	24 1	3,780,000
Grampus*	Submarine torpedo boat				170,000
Holland*	....do				[a] 150,000
Maryland	Armored cruiser	13,680	22	24 1	3,775,000
Milwaukee	Protected cruiser	9,700	22	22 6	2,825,000
Moccasin*	Submarine torpedo boat				170,000
New Jersey	First-class battle ship	14,948	19	23 9	3,405,000
Pike*	Submarine torpedo boat				170,000
Porpoise*	....do				170,000
Rhode Island	First-class battle ship	14,948	19	23 9	3,405,000
St. Louis	Protected cruiser	9,700	22	22 6	2,740,000
Shark*	Submarine torpedo boat				170,000
South Dakota	Armored cruiser	13,680	22	24 1	3,750,000
Total		100,036			27,590,000

Connecticut [b]	First-class battle ship	16,000	18	24 6	[c] $4,212,000
Dubuque	Gunboat	1,050	12.50	12 3	295,000
Louisiana	First-class battle ship	16,000	18	23 9	3,990,000
Paducah	Gunboat	1,100	12	12 9½	355,000
Tennessee	Armored cruiser	14,500	22	25 0	4,035,000
Washington	....do	14,500	22	25 0	4,035,000
Total		63,150			16,922,000

1903 (57TH, 2D)—Page 427.

Cumberland [b]	Training ship	1,800		16 5¼	[c] $370,000
Idaho	First-class battle ship	13,000	17	24 8	2,999,500
Intrepid	Training ship	1,800		13 5½	[c] 370,000
Kansas	First-class battle ship	16,000	18	24 6	4,165,000
Minnesota	....do	16,000	18	24 6	4,110,000
Mississippi	....do	13,000	17	24 8	2,999,500
Vermont	....do	16,000	18	24 6	4,179,000
Total		77,600			19,193,000

* See history submarine-boat legislation.
[a] Purchase price.
[b] Built in government yard.
[c] Maximum cost.

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

1904 (58TH, 2D)—Page 458.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
New Hampshire	First-class battle ship	16,000	18	24 6	$3,748,000
North Carolina	Armored cruiser	14,500	22	25 0	[a] 4,400,000
Montana	....do	14,500	22	25 0	[a] 4,400,000
Chester	Scout cruiser	3,750	24	.....	[a] 1,900,000
Birmingham	....do	3,750	24	.....	[a] 1,900,000
Salem	....do	3,750	24	.....	[a] 1,800,000
Vestal	Fleet collier	.....	.....	.....	[a] 1,250,000
Prometheus	....do	.....	.....	.....	[a] 1,250,000
Total		56,250	.....	.....	20,648,000

1905 (58TH, 3D)—Page 488.

South Carolina	First-class battle ship	16,000	18.5	24 6	$3,540,000
Michigan	....do	16,000	18.5	24 6	3,585.000
Total		32,000	.....	.....	7,125,000

1906 (59TH, 1ST)—Page 523.

Delaware	First-class battle ship	20,000	21	26 11	$3,987,000
Smith	Torpedo-boat destroyer	700	28	8	[b] 585,000
Lamson	....do	700	28	8	[b] 585,000
Preston	....do	700	28	8	[b] 645,000
	Submarine or subsurface torpedo boats (not exceeding [c] $1,000,000; $500,000 appropriated).	.....	.....	.....	500,000
Total of tonnage given.		22,100	.....	.....	6,302,000

1907 (59TH, 2D)—Page 557.

North Dakota	First-class battle ship	20,000	21	26 11	$4,377,000
Flusser	Torpedo-boat destroyer	700	28	8	624,000
Reid	....do	700	28	8	624,000
	Limit of contract for submarine and subsurface torpedo boats, act June 29, 1906, increased to $3,000,000; $500,000 appropriated.	.....	.....	.....	500,000
Total of tonnage given.		21,400	.....	.....	6,125,000

[a] Maximum cost.
[b] Limit of cost increased from $750,000 to $800,000, act Mar. 2, 1907.
[c] Limit of cost increased to $3 000,000, act Mar. 2, 1907.

LIST, BY YEARS AND SESSIONS OF CONGRESS, OF NAVAL VESSELS AUTHORIZED BY ACTS OF CONGRESS FROM 1883 TO 1908, INCLUSIVE—Continued.

1908 (60TH, 1ST)—Page 594.

Name.	Type.	Displacement.	Speed.	Mean draft.	Contract price of hull and machinery.
		Tons.	*Knots.*	*Ft. in.*	
Florida[a]	First-class battle ship	21,825	20.75	26 11	[b] $6,000,000
Utah	do	21,825	20.75	26 11	3,946,000
Paulding	Torpedo-boat destroyer	742	29.5	8 4	644,000
Drayton	do	742	29.5	8 4	644,000
Roe	do	742	29.5	8 4	620,000
Terry	do	742	29.5	8 4	620,000
Perkins	do	742	29.5	8 4	610,000
Sterrett	do	742	29.5	8 4	610,000
McCall	do	742	29.5	8 4	665,000
Burrows	do	742	29.5	8 4	665,000
Warrington	do	742	29.5	8 4	664,000
Mayrant	do	742	29.5	8 4	664,000
Carp	Submarine torpedo boat. Limit of contract, $3,500,000. Appropriation made of $3,000,000 for these boats and for completion of submarine boats heretofore authorized.				
Barracuda					
Pickerel					
Skate					3,000,000
Skipjack					
Sturgeon					
Thrasher					
Tuna					
Jupiter	Fleet collier				[b] 1,800,000
Cyclops	do				[b] 1,800,000
Vulcan	Steam collier	11,200	12	24 6	479,600
Mars	do	11,200	12	24 6	479,600
Hector	do	11,200	12	24 6	479,600
Total tonnage given.		84,670			24,590,800
Grand total tonnage given.		839,432.33			

[a] Built in government yard. [b] Maximum cost.

SUBMARINES.

HISTORY OF APPROPRIATIONS FOR SUBMARINE BOATS AND SUBSURFACE BOATS.

Act of March 3, 1893, authorized *Plunger*, which was contracted for March 13, 1895. Contract canceled April, 1900, and amount previously paid credited on new contract of November 19, 1900, and payment for new *Plunger* made out of appropriation of 1893—$200,000. Reference to present *Plunger* made in act of June 10, 1896.

Act of June 10, 1896, provided for construction of two Holland submarine boats at $175,000 each.

Act of March 3, 1899, provided for construction of two submarine boats of *Holland* type, similar to the *Holland*. (Amending act of June 10, 1896.) One of these two was the *Holland* and was purchased—$150,000.

Act of June 7, 1900, provided for construction of five submarine torpedo boats of *Holland* type, and the Department, on August 25, 1900 (referring to acts of 1896, 1899, and 1900), contracted for *Adder*, *Grampus*, *Moccasin*, *Pike*, *Porpoise*, and *Shark*, at $170,000 each.

All except the *Plunger* were paid for out of appropriations "Increase of the Navy—Construction and machinery."

Act of March 3, 1903, authorized the Secretary of the Navy, in his discretion, to contract for or purchase subsurface or submarine torpedo boats, not exceeding $500,000, and provided for certain tests.

Act of April 27, 1904, the Secretary of the Navy is authorized to contract for or purchase subsurface or submarine torpedo boats, after they have been fully tested to his satisfaction and found to fulfill all reasonable requirements for submarine warfare.

Eight hundred and fifty thousand dollars is appropriated for this purpose, and to make up said sum the sum of $500,000 (or such part thereof as may remain unexpended) is reappropriated in this act.

Under this act contract was made with the Electric Boat Company, of New York, for four submarine torpedo boats, building at the Fore River Ship Building Company, Quincy, Mass., named as follows: *Octopus*, *Viper*, *Cuttlefish*, *Tarantula*.

Act June 29, 1906, Secretary of the Navy is authorized to contract for or purchase subsurface or submarine torpedo boats to an amount not exceeding $1,000,000, of which sum $500,000 is appropriated.

Act of March 2, 1907, limit of cost of act of June 29, 1906, increased to $3,000,000, of which sum $500,000 (additional to the $500,000 of act of June 29, 1906) is appropriated. Test period is extended until May 29, 1907. No part of this appropriation to be expended for any boat that does not in such test prove to be equal, in the judgment of the Secretary of the Navy, to the best boat now owned by the United States or under contract therefor.

Under this act and act of June 29, 1906, contract was made with the Electric Boat Company for four submarine boats of the *Octopus* type at $285,000 each, and for three others of the same type, though of greater displacement, at $360,000 each.

Act of May 13, 1908, provided for eight submarine torpedo boats, in an amount not exceeding $3,500,000 in the aggregate; $3,000,000 is appropriated toward said purpose and for the completion of those heretofore authorized. Contract for the eight submarines not yet awarded.

SUBMARINES—Continued.

	Name.	Contractor.	By whom and where built or building.
1	Adder	J. P. Holland Torpedo Boat Co., New York, N. Y.	Crescent Shipyard, Elizabethport, N. J.
2	Cuttlefish	The Electric Boat Co., New York, N. Y.	Fore River Shipbuilding Co., Quincy, Mass.
3	Grampus	J. P. Holland Torpedo Boat Co., New York, N. Y.	Union Iron Works, San Francisco, Cal.
4	Holland	do	Crescent Shipyard, Elizabethport, N. J.
5	Moccasin	do	Do.
6	Octopus	The Electric Boat Co., New York, N. Y.	Fore River Shipbuilding Co., Quincy, Mass.
7	Pike	J. P. Holland Torpedo Boat Co., New York, N. Y.	Union Iron Works, San Francisco, Cal.
8	Plunger	do	Crescent Shipyard, Elizabethport, N. J.
9	Porpoise	do	Do.
10	Shark	do	Do.
11	Tarantula	The Electric Boat Co., New York, N. Y.	Fore River Shipbuilding Co., Quincy, Mass.
12	Viper	do	Do.
13	Stingray [a]	do	Do.
14	Tarpon [a]	do	Do.
15	Bonita [a]	do	Do.
16	Snapper [a]	do	Do.
17	Narwhal [a]	do	Do.
18	Grayling [a]	do	Do.
19	Salmon [a]	do	Do.
20	Carp		
21	Barracuda		
22	Pickerel		
23	Skate		
24	Skipjack		
25	Sturgeon		
26	Thrasher		
27	Tuna		

[a] Building.

	Name.	Date of act authorizing the building.	Date of first and latest commission.	Contract price.
1	Adder	June 7, 1900[b]	Jan. 12, 1903	$170,000
2	Cuttlefish	Apr. 27, 1904		185,000
3	Grampus	June 7, 1900[b]	May 28, 1903	170,000
4	Holland		Oct. 12, 1900	[c] 150,000
5	Moccasin	June 7, 1900[b]	Jan. 17, 1903	170,000
6	Octopus	Apr. 27, 1904		200,000
7	Pike	June 7, 1900[b]	May —, 1903	170,000
8	Plunger	Mar. 3, 1899[b]	Sept. 19, 1903	250,000
9	Porpoise	June 7, 1900[b]	do	170,000
10	Shark	do[b]	do	170,000
11	Tarantula	Apr. 27, 1904	Dec. 3, 1907	185,000
12	Viper	do	Oct. 18, 1907	200,000
13	Stingray [a]	Mar. 2, 1907[d]		285,000
14	Tarpon [a]	do		285,000
15	Bonita [a]	do		285,000
16	Snapper [a]	do		285,000
17	Narwhal [a]	do		360,000
18	Grayling [a]	do		360,000
19	Salmon [a]	do		360,000
20	Carp	May 13, 1908		
21	Barracuda	do		
22	Pickerel	do		
23	Skate	do		
24	Skipjack	do		
25	Sturgeon	do		
26	Thrasher	do		
27	Tuna	do		

[a] Building.
[b] Together with acts of June 10, 1896, and March 3, 1899.
[c] Purchase price.
[d] Together with act of June 29, 1906.

Cost of Ships of the New Navy.

STATEMENT SHOWING COST OF EACH COMPLETED BATTLE SHIP, ARMORED CRUISER, PROTECTED CRUISER, UNPROTECTED CRUISER, SCOUT CRUISER, MONITOR, GUNBOAT, AND TRAINING SHIP, BUILT UNDER APPROPRIATIONS FOR INCREASE OF THE NAVY TO JUNE 30, 1908.

	Hull and machinery, including armor.	Equipage, including armament.	Total.
BATTLE SHIPS.			
Texas	$3,638,284.99	$563,836.50	$4,202,121.49
Indiana	5,333,708.05	649,663.93	5,983,371.98
Massachusetts	5,401,844.97	645,272.98	6,047,117.95
Oregon	5,914,021.90	661,010.86	6,575,032.76
Iowa	5,162,587.12	708,619.20	5,871,206.32
Kearsarge	4,429,890.69	613,700.99	5,043,591.68
Kentucky	4,418,094.99	580,024.44	4,998,119.43
Alabama	4,077,010.09	588,810.13	4,665,820.22
Wisconsin	4,162,617.53	561,276.75	4,723,894.28
Illinois	4,073,429.26	547,979.56	4,621,408.82
Maine	4,567,464.52	814,439.09	5,381,903.61
Missouri	4,438,925.08	819,335.47	5,258,260.55
Ohio	4,475,375.45	790,129.39	5,265,504.84
Connecticut	6,394,679.21	1,516,496.41	7,911,175.62
Kansas	6,196,367.00	1,369,253.92	7,565,620.92
Louisiana	6,060,814.16	1,364,799.43	7,425,613.59
Minnesota	6,143,852.84	1,298,251.11	7,442,103.95
Vermont	6,158,468.24	1,405,495.15	7,563,963.39
Georgia	5,538,776.59	1,004,754.46	6,543,531.05
Nebraska	5,619,978.80	1,153,281.00	6,773,259.80
New Jersey	5,366,369.88	1,170,356.60	6,536,726.48
Rhode Island	5,343,616.47	1,192,952.45	6,536,568.92
Virginia	5,486,133.52	1,217,517.97	6,703,651.49
Idaho	4,461,445.66	1,097,286.15	5,558,731.81
Mississippi	4,537,182.80	1,092,000.46	5,629,183.26
South Dakota	4,706,085.84	874,467.61	5,580,553.45
New Hampshire	5,400,242.83	953,896.78	6,354,139.61
Total	137,507,268.48	25,254,908.79	162,762,177.27
ARMORED CRUISERS.			
Brooklyn	3,944,820.73	478,969.36	4,423,790.09
New York	3,897,840.32	448,802.07	4,346,642.39
Colorado	4,831,941.38	860,201.59	5,692,142.97
Pennsylvania	4,857,086.24	850,493.65	5,707,579.89
Maryland	4,874,874.16	808,019.89	5,682,894.05
West Virginia	4,885,216.51	843,840.85	5,729,057.36
Tennessee	5,194,047.37	950,755.36	6,144,802.75
Washington	5,190,782.64	955,519.36	6,146,302.00
North Carolina	4,496,498.43	566,094.18	5,062,592.61
California	4,696,605.12	645,149.68	5,341,754.80
Total	46,869,712.92	7,407,845.99	54,277,558.91
Protected cruisers:			
Newark	1,439,382.20	390,735.00	1,830,117.20
Baltimore	1,554,483.94	422,245.41	1,976,729.35
Philadelphia	1,561,392.47	397,267.91	1,958,660.38
San Francisco	1,738,257.82	397,045.49	2,135,303.31
Olympia	2,484,027.54	495,255.84	2,979,283.38
Cincinnati	2,023,326.91	348,577.61	2,371,904.52
Raleigh	1,867,934.32	331,795.48	2,199,729.80
Columbia	3,461,960.26	447,051.00	3,909,011.26
Minneapolis	3,403,707.07	446,289.37	3,849,996.44
Tacoma	1,113,395.45	285,386.30	1,398,781.75
Cleveland	1,098,320.33	276,488.77	1,374,809.10
Denver	1,136,146.06	278,914.08	1,415,060.14
Des Moines	1,156,256.68	269,844.74	1,426,101.42
Chattanooga	1,378,445.75	308,148.45	1,686,594.20
Charleston	3,162,234.16	664,176.84	3,826,411.00
Galveston	1,426,850.73	309,923.50	1,736,774.23
Milwaukee	3,274,391.01	660,834.33	3,935,225.34
St. Louis	3,173,769.31	644,408.09	3,818,177.40
Total	36,454,282.01	7,374,388.21	43,828,670.22

Cost of Ships of the New Navy—Continued.

STATEMENT SHOWING COST OF EACH COMPLETED BATTLE SHIP, ARMORED CRUISER, PROTECTED CRUISER, UNPROTECTED CRUISER, SCOUT CRUISER, MONITOR, GUNBOAT, AND TRAINING SHIP, BUILT UNDER APPROPRIATIONS FOR INCREASE OF THE NAVY TO JUNE 30, 1908—Continued.

	Hull and machinery, including armor.	Equipage, including armament.	Total.
Unprotected cruisers:			
Marblehead	$1,061,426.30	$229,736.63	$1,291,162.93
Montgomery	1,050,933.54	216,176.17	1,267,109.71
Detroit	1,004,711.65	228,328.25	1,233,039.90
Total	3,117,071.49	674,241.05	3,791,312.54
Scout cruisers:			
Birmingham	1,528,823.77	249,397.79	1,778,221.56
Chester	1,698,947.34	251,533.60	1,950,480.94
Total	3,227,771.11	500,931.39	3,728,702.50
Monitors:			
Amphitrite	1,951,868.17	244,111.90	2,195,980.07
Miantonomoh	2,241,418.54	298,718.21	2,540,136.85
Monadnock	2,549,170.70	207,589.65	2,756,760.35
Monterey	2,301,104.75	460,266.31	2,761,371.06
Puritan	3,056,278.33	339,187.58	3,395,465.91
Terror	2,018,759.25	198,342.85	2,217,102.10
Arkansas	1,413,962.99	209,916.31	1,623,879.30
Tallahassee	1,307,130.91	211,048.85	1,518,179.76
Nevada	1,396,488.61	222,564.27	1,619,052.88
Wyoming	1,372,093.16	218,287.68	1,590,380.84
Total	19,608,275.51	2,610,033.61	22,218,309.12
Gunboats:			
Annapolis	278,131.52	97,285.69	375,417.21
Bennington	578,806.37	190,511.34	769,317.71
Castine	510,878.13	160,586.07	671,464.20
Concord	566,356.21	198,927.51	765,283.72
Helena	430,669.05	108,373.12	539,042.17
Machias	492,502.32	165,258.75	657,761.07
Marietta	260,572.02	90,852.60	351,424.62
Nashville	476,722.06	109,646.09	586,368.15
Newport	298,615.14	105,341.19	403,956.33
Petrel	309,981.65	154,053.87	464,035.52
Princeton	313,176.68	87,468.85	400,645.53
Vicksburg	286,050.92	102,699.69	388,750.61
Wheeling	256,069.19	92,446.77	348,515.96
Wilmington	424,868.65	106,323.58	531,192.23
Yorktown	548,906.61	219,123.98	768,030.59
Dubuque	334,974.23	107,429.10	442,403.33
Paducah	392,698.97	114,233.92	506,932.89
Total	6,759,979.72	2,210,562.12	8,970,541.84
Training ships:			
Severn	357,641.96	106,773.15	464,415.11
Cumberland	427,463.37	154,405.43	581,868.80
Intrepid	403,948.19	146,943.58	550,891.77
Boxer	94,703.14	21,927.40	116,630.54
Total	1,283,756.66	430,049.56	1,713,806.22
Torpedo boats, torpedo-boat destroyers, and submarine torpedo boats	12,834,696.03	1,169,000.00	14,003,696.03
Harbor-defense ram Katahdin	1,513,691.31	16,136.08	1,529,827.39
Lost vessels:			
Maine	4,044,166.72	633,622.03	4,677,788.75
Charleston	1,185,966.94	413,891.26	1,599,858.20
Total	5,230,133.66	1,047,513.29	6,277,646.95

EXPENDITURES ON VESSELS UNDER CONSTRUCTION TO JUNE 30, 1908.

Vessel.	Amount.	Vessel.	Amount.
Delaware	$2,548,594.37	Torpedo-boat destroyer No. 19	$137,005.93
North Dakota	2,796,985.24	Torpedo-boat destroyer No. 20	159,288.26
Michigan	3,482,279.63	Torpedo-boat destroyer No. 21	159,134.74
South Carolina	3,541,601.74	Submarine torpedo boat No. 13	114,513.69
Montana	4,411,725.63	Submarine torpedo boat No. 14	114,513.73
Utah	115.12	Submarine torpedo boat No. 15	114,513.72
Florida	374.83	Submarine torpedo boat No. 16	114,513.78
Salem	1,443,153.24	Submarine torpedo boat No. 17	108,358.62
Vestal	1,273,658.03	Submarine torpedo boat No. 18	108,358.60
Prometheus	757,221.63	Submarine torpedo boat No. 19	108,358.63
Torpedo-boat destroyer No. 17	153,772.64		
Torpedo-boat destroyer No. 18	154,007.86	Total	21,802,049.66

Total cost of all vessels of the new navy built and building under appropriations for "Increase of the navy," $344,904,298.65.

COST OF MAINTENANCE.

STATEMENT SHOWING COST OF MAINTENANCE OF A VESSEL OF EACH TYPE DURING THE FISCAL YEAR 1908.

Type of vessel.	Vessel.	Cost of commission, including pay of officers.	Repairs, hull, machinery, and equipage.	Total.
Battle ship	Connecticut	$731,033.07	$140,482.70	$871,515.77
Armored cruiser	Colorado	631,470.41	61,683.08	693,153.49
Protected cruiser	St. Louis	629,219.13	187,580.81	816,799.94
Gunboat	Concord	215,583.31	6,711.10	222,294.41
Torpedo-boat destroyer	Whipple	84,732.09	13,712.63	98,444.72
Torpedo boat	Stockton	28,472.15	6,505.73	34,977.88
Submarine	Cuttlefish	20,121.50	3,471.29	23,592.79

VESSELS UNDER CONSTRUCTION, DECEMBER 10, 1908.

Name of vessel.	Speed.	Building at—	Per cent of completion.	
			Nov. 1, 1908.	Dec. 1, 1908.
BATTLE SHIPS.	*Knots.*			
South Carolina	18½	Wm. Cramp & Sons	65.9	69.9
Michigan	18½	New York Shipbuilding Co	74.9	79.4
Delaware	21	Newport News S. and D. D. Co	50.3	54.9
North Dakota	21	Fore River Shipbuilding Co	58.8	62.8
Florida	20¾	Navy Yard, New York	(a)	(a)
Utah	20¾	New York Shipbuilding Co	(a)	(a)
TORPEDO-BOAT DESTROYERS.				
Smith, No. 17		Wm. Cramp & Sons	57.5	59.9
Lamson, No. 18		do	56.2	58.5
Preston, No. 19		New York Shipbuilding Co	52.0	54.9
Flusser, No. 20		Bath Iron Works	33.0	40.9
Reid, No. 21		do	31.6	38.5
Paulding, No. 22		do	0.0	0.0
Drayton, No. 23		do	0.0	0.0
Roe, No. 24		Newport News S. and D. D. Co	0.0	0.0
Terry, No. 25		do	(a)	(a)
Perkins, No. 26		Fore River Shipbuilding Co	(a)	(a)
Sterrett, No. 27		do	(a)	(a)
McCall, No. 28		New York Shipbuilding Co	0.0	0.0
Burrows, No. 29		do	0.0	0.0
Warrington, No. 30		Wm. Cramp & Sons	(a)	(a)
Mayrant, No. 31		do	(a)	(a)

a No report.

VESSELS UNDER CONSTRUCTION, DECEMBER 10, 1908—Continued.

Name of vessel.	Speed.	Building at—	Per cent of completion.	
			Nov. 1, 1903.	Dec. 1, 1908.
SUBMARINE TORPEDO BOATS.	*Knots.*			
Stingray, No. 13		Fore River Shipbuilding Co	62.3	64.5
Tarpon, No. 14		do	60.3	63.0
Bonita, No. 15		do	57.8	60.8
Snapper, No. 16		do	56.5	58.2
Narwhal, No. 17		do	52.3	54.8
Grayling, No. 18		do	52.0	53.5
Salmon, No. 19		do	51.3	52.8
COLLIERS.				
Vestal		Navy-yard, New York	97.6	98.4
Prometheus		Navy-yard, Mare Island, Cal	87.8	94.0
TUGBOATS.				
Patapsco		Navy-yard, Portsmouth, N. H	81.0	86.0
Patuxent		Navy-yard, Norfolk, Va	95.0	96.0

ARMAMENT AND COMPLEMENT OF OFFICERS AND MEN IN VESSELS OF THE DIFFERENT CLASSES.

Vessel.	Battery.	Officers.	Men.
First-class battle ships:			
Connecticut (16,000 tons)	4 12″ B. L. R.; 8 8″ B. L. R.; 12 7″ B. L. R.; 20 3″ R. F.; 12 3-pdr. S. A.; 8 1-pdr.; 2 3″ F.; 6 .30 cal. A.; 2 .30 cal. M.; 4 21″, submerged.	41	855
Maine (12,500 tons)	4 12″ B. L. R.; 16 5″ R. F.; 6 3″ R. F.; 8 3-pdr. R. F.; 6 1-pdr.; 2 3″ F.; 2 .30 cal. A.; 2 18″, submerged.	41	772
Second-class battle ship:			
Texas (6,315 tons)	2 12″ B. L. R.; 6 6″ R. F.; 12 6-pdr. R. F.; 4 1-pdr. A.; 4 37mm R. C.; 2 .30 cal. A.	30	478
Armored cruiser:			
New York (8,150 tons)	4 8″ B. L. R.; 2 8″ B. L. R.; 12 4″ R. F.; 8 6-pdr. R. F.; 2 1-pdr. R. F.; 2 3″ F.; 4 .30 cal. A.; 2 18″, above water.	34	525
Protected cruiser:			
Olympia (5,865 tons)	4 8″ B. L. R.; 10 5″ R. F.; 14 6-pdr. R. F.; 4 1-pdr. R. F.; 1 .30 cal. A.; 1 .30 cal. M.	17	282
Monitor:			
Nevada (3,225 tons)	2 12″ B. L. R.; 4 4″ R. F.; 3 6-pdr. S. A.; 4 1-pdr. A.; 4 1-pdr. R. F.; 2 .30 cal. A.	13	209
Gunboats:			
Bennington (1,710 tons)	6 6″ R. F.; 4 6-pdr. R. F.; 4 1-pdr. R. F.; 2 .30 cal. A.	11	194
Machias (1,177 tons)	8 4″ R. F.; 4 6-pdr. R. F.; 2 1-pdr. R. F.; 2 .30 cal A.	9	136
Annapolis (1,000 tons)	6 4″ R. F.; 4 6-pdr. R. F. G.; 2 1-pdr. R. F. G.; 2 Colts.	11	149
Torpedo-boat destroyer:			
Lawrence (446 tons)	2 18″ Whitehead, long; 7 6-pdr. S. A	3	74
Torpedo boat:			
Dahlgren (146 tons)	2 18″ Whitehead, long; 4 1-pdr. R. F	2	26
Submarine boat:			
Holland		1	11

Summary of Vessels in the United States Navy June 30, 1908.

Type.	Fit for service, including those under repair.	Under construction.	Authorized.	Unfit for sea service.	Total.
First-class battle ships	25	4	2		31
Second-class battle ship	1				1
Armored cruisers	11	1			12
Armored ram	1				1
Single-turret harbor-defense monitors	4				4
Double-turret monitors	6				6
Protected cruisers	22				22
Unprotected cruisers	3				3
Scout cruisers	2	1			3
Gunboats	9				9
Gunboat for Great Lakes (not begun)			1		1
Light-draft gunboats	3				3
Composite gunboats	8				8
Training ship (Naval Academy), sheathed	1				1
Training ships	2				2
Training brigantine	1				1
Special class (Dolphin, Vesuvius)	2				2
Gunboats under 500 tons	12				12
Torpedo-boat destroyers	16	5	10		31
Steel torpedo boats	35				35
Wooden torpedo boat	1				1
Submarine torpedo boats	12	7	8		27
Iron cruising vessels, steam	3				3
Wooden cruising vessels, steam	5			4	9
Wooden sailing vessels	5			2	7
Tugs	43	2			45
Auxiliary cruisers	5				5
Converted yachts	22				22
Colliers	15	2	5		22
Transports and supply ships	9				9
Hospital ship	1				1
Receiving ships	5			5	10
Prison ships	2			1	3
Total	292	22	26	12	352

Age of United States Battle Ships from First Commission.

Name.	Date of first commission.	Age by years.	Name.	Date of first commission.	Age by years.
First-class battle ships.			*First-class battle ships*—Con.		
Alabama	Oct. 16, 1900	8	Missouri	Dec. 1, 1903	5
Connecticut	Sept 29, 1906	2	Nebraska	July 1, 1907	1
Delaware			New Hampshire	Mar. 19, 1908	
Florida			New Jersey	May 12, 1906	2
Georgia	Sept. 24, 1906	2	North Dakota		
Idaho	Apr. 1, 1908		Ohio	Oct. 4, 1904	4
Illinois	Sept. 16, 1901	7	Oregon	July 15, 1896	12
Indiana	Nov. 20, 1895	13	Rhode Island	Feb. 12, 1906	2
Iowa	June 16, 1897	11	South Carolina		
Kansas	Apr. 18, 1907	1	Utah		
Kearsarge	Feb. 20, 1900	8	Vermont	Mar. 4, 1907	1
Kentucky	May 15, 1900	8	Virginia	May 7, 1906	2
Louisiana	June 2, 1906	2	Wisconsin	Feb. 4, 1901	7
Maine	Dec. 29, 1902	6			
Massachusetts	June 10, 1896	12	*Second-class battle ship.*		
Michigan					
Minnesota	Mar. 9, 1907	1	Texas	{Aug. 15, 1895 / Nov. 3, 1902}	13
Mississippi	Feb. 1, 1908				

TIME IN BUILDING BATTLE SHIPS, UNITED STATES NAVY.

Name.	Keel laid.	Launched.	Contract date of completion.	Date of first and latest commission.	Time.
					Ys. M. D.
Alabama	Dec. 1, 1896	May 18, 1898	Sept. 24, 1899	Oct. 16, 1900	3 10 15
Connecticut	Mar. 10, 1903	Sept. 29, 1904	Mar. 15, 1906	Sept. 29, 1906	3 6 19
Delaware	Nov. 11, 1908				
Florida					
Georgia	Aug. 31, 1901	Oct. 11, 1904	Feb. 18, 1904	Sept. 24, 1906	5 0 24
Idaho	May 12, 1904	Dec. 9, 1905	May 25, 1907	Apr. 1, 1908	3 10 20
Illinois	Feb. 10, 1897	Oct. 4, 1898	Sept. 26, 1899	Sept. 16, 1901	4 7 6
Indiana	May 7, 1891	Feb. 28, 1893	Nov. 19, 1893	Nov. 20, 1895	4 6 13
Iowa	Aug. 5, 1893	Mar. 28, 1896	Feb. 11, 1896	June 16, 1897 Dec. 23, 1903	
Kansas	Feb. 10, 1904	Aug. 12, 1905	Dec. 16, 1906	Apr. 18, 1907	3 2 8
Kearsarge	June 30, 1896	Mar. 24, 1898	Jan. 2, 1899	Feb. 20, 1900	3 7 20
Kentucky	....do....	....do....	....do....	May 15, 1900	3 10 15
Louisiana	Feb. 7, 1903	Aug. 27, 1904	Mar. 15, 1906	June 2, 1906	3 3 25
Maine	Feb. 15, 1899	July 27, 1901	June 1, 1901	Dec. 29, 1902	3 10 14
Massachusetts	June 25, 1891	June 10, 1893	Nov. 18, 1893	June 10, 1896	4 11 15
Michigan	Dec. 17, 1906				
Minnesota	Oct. 27, 1903	Apr. 8, 1905	Dec. 20, 1906	Mar. 9, 1907	3 4 12
Mississippi	May 12, 1904	Sept. 30, 1905	Mar. 25, 1907	Feb. 1, 1908	3 8 20
Missouri	Feb. 7, 1900	Dec. 28, 1901	Aug. 30, 1901	Dec. 1, 1903	3 9 24
Nebraska	July 4, 1902	Oct. 7, 1904	Mar. 7, 1904	July 1, 1907	4 11 27
New Hampshire	May 1, 1905	June 30, 1906	Feb. 27, 1908	Mar. 19, 1908	2 10 18
New Jersey	Apr. 2, 1902	Nov. 10, 1904	Feb. 15, 1904	May 12, 1906	4 1 10
North Dakota	Dec. 16, 1907				
Ohio	Apr. 22, 1899	May 18, 1901	June 5, 1901	Oct. 4, 1904	5 5 12
Oregon	Nov. 19, 1891	Oct. 26, 1893	Nov. 19, 1893	July 15, 1896	4 7 26
Rhode Island	May 1, 1902	May 17, 1904	Feb. 15, 1904	Feb. 19, 1906	3 9 18
South Carolina	Dec. 18, 1906				
Utah					
Vermont	May 21, 1904	Aug. 31, 1905	Dec. 20, 1906	Mar. 4, 1907	2 9 13
Virginia	May 21, 1902	Apr. 5, 1904	Feb. 15, 1904	May 7, 1906	3 11 16
Wisconsin	Feb. 9, 1897	Nov. 26, 1898	Sept. 19, 1899	Feb. 4, 1901	3 11 25

COMPARATIVE STRENGTH OF THE GREAT POWERS, NOVEMBER 1, 1908.

NUMBER AND DISPLACEMENT OF WAR SHIPS, BUILT AND BUILDING, OF 1,000 OR MORE TONS, AND OF TORPEDO CRAFT OF MORE THAN 50 TONS.

[The following vessels are not included in the tables: Those over 20 years old, unless they have been reconstructed and rearmed since 1900; those not actually begun, although authorized; transports, colliers, repair ships, torpedo-depot ships, converted merchant vessels, or yachts; vessels of less than 1,000 tons except torpedo craft; torpedo craft of less than 50 tons.]

	Number.	Tons.
GREAT BRITAIN.		
Battle ships (10,000 tons and over)[a]	58	867,200
Coast-defense vessels[a]		
Armored cruisers[a]	38	468,350
Cruisers above 6,000 tons	18	176,250
Cruisers 6,000 to 3,000 tons	45	197,780
Cruisers 3,000 to 1,000 tons	25	53,505
Torpedo-boat destroyers	167	76,991
Torpedo boats	71	14,362
Submarines	60	16,738
Total	482	1,871,176
UNITED STATES.		
Battle ships (10,000 tons and over)[a]	29	406,146
Coast-defense vessels[a]	11	45,334
Armored cruisers[a]	12	157,445
Cruisers above 6,000 tons	5	43,800
Cruisers 6,000 to 3,000 tons	20	72,620
Cruisers 3,000 to 1,000 tons	14	18,058
Torpedo-boat destroyers	31	17,506
Torpedo boats	32	5,615
Submarines	19	3,860
Total	173	770,468

[a] For full list of battle ships and armored cruisers, including those provided for which have not been commenced and those reported as projected, see p. 631.

COMPARATIVE STRENGTH OF THE GREAT POWERS, NOVEMBER 1, 1908—Continued.

NUMBER AND DISPLACEMENT OF WAR SHIPS, BUILT AND BUILDING, OF 1,000 OR MORE TONS, AND OF TORPEDO CRAFT OF MORE THAN 50 TONS—Continued.

	Number.	Tons.
GERMANY.		
Battle ships (10,000 tons and over) [a]	28	354,031
Coast-defense vessels	8	32,378
Armored cruisers [a]	10	113,893
Cruisers above 6,000 tons		
Cruisers 6,000 to 3,000 tons	26	104,035
Cruisers 3,000 to 1,000 tons	17	37,626
Torpedo-boat destroyers	85	42,917
Torpedo boats	42	7,639
Submarines	6	1,080
Total	222	693,599
FRANCE.		
Battle ships (10,000 tons and over) [a]	24	337,520
Coast-defense vessels	11	65,800
Armored cruisers [a]	23	220,982
Cruisers above 6,000 tons	3	24,409
Cruisers 6,000 to 3,000 tons	13	52,549
Cruisers 3,000 to 1,000 tons	10	20,540
Torpedo-boat destroyers	72	26,674
Torpedo boats	266	25,176
Submarines	94	27,538
Total	516	801,188
JAPAN.		
Battle ships (10,000 tons and over) [a]	13	191,496
Coast-defense vessels	3	18,786
Armored cruisers [a]	13	138,100
Cruisers above 6,000 tons	2	13,130
Cruisers 6,000 to 3,000 tons	10	38,827
Cruisers 3,000 to 1,000 tons	8	16,138
Torpedo-boat destroyers	57	20,586
Torpedo boats	63	6,312
Submarines	10	1,526
Total	179	444,903
RUSSIA.		
Battle ships (10,000 tons and over) [a]	9	121,200
Coast-defense vessels	4	21,380
Armored cruisers [a]	7	70,200
Cruisers above 6,000 tons	7	46,460
Cruisers 6,000 to 3,000 tons	1	3,100
Cruisers 3,000 to 1,000 tons	7	8,800
Torpedo-boat destroyers	97	36,254
Torpedo boats	57	6,834
Submarines	31	5,812
Total	220	320,040
ITALY.		
Battle ships (10,000 tons and over) [a]	13	167,904
Coast-defense vessels		
Armored cruisers [a]	10	78,320
Cruisers above 6,000 tons		
Cruisers 6,000 to 3,000 tons	1	3,530
Cruisers 3,000 to 1,000 tons	9	19,320
Torpedo-boat destroyers	17	5,593
Torpedo boats	61	9,054
Submarines	6	857
Total	117	284,778
AUSTRIA.		
Battle ships (10,000 tons and over) [a]	5	60,800
Coast-defense vessels	6	41,700
Armored cruisers [a]	3	18,800
Cruisers above 6,000 tons		
Cruisers 6,000 to 3,000 tons	3	11,500
Cruisers 3,000 to 1,000 tons	3	7,050
Torpedo-boat destroyers	6	2,400
Torpedo boats	35	4,500
Submarines	6	1,600
Total	67	148,350

[a] For full list of battle ships and armored cruisers, including those provided for which have not been commenced and those reported as projected, see p. 631.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908.

GREAT BRITAIN.

BATTLE SHIPS (48 first class).

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1890	Nile*	11,940	Four 13.5-inch; six 6-inch	16.7
1890	Trafalgar*	11,940		16.7
1892	Royal Sovereign*	14,150	Four 13.5-inch; ten 6-inch	17.5
1893	Empress of India*	14,150		18.0
1893	Hood*	14,150		17.5
1894	Royal Oak*	14,150		17.5
1895	Revenge*	14,150		17.5
1893	Resolution*	14,150		17.5
1893	Ramillies*	14,150		17.5
1894	Repulse*	14,150		17.5
1893	Centurion*	10,500	Four 10-inch; ten 6-inch	18.25
1894	Barfleur*	10,500		18.5
1896	Renown*	12,350		18.0
1895	Majestic	14,900	Four 12-inch; twelve 6-inch	17.5
1895	Magnificent	14,900		17.5
1896	Prince George	14,900		17.5
1897	Victorious	14,900		17.5
1897	Jupiter	14,900		17.5
1897	Mars	14,900		17.5
1897	Hannibal	14,900		17.5
1897	Cæsar	14,900		17.5
1898	Illustrious	14,900		17.5
1900	Canopus	12,950	Four 12-inch; twelve 6-inch	18.25
1900	Ocean	12,950		18.25
1900	Goliath	12,950		18.25
1901	Glory	12,950		18.25
1901	Vengeance	12,950		18.5
1902	Albion	12,950		18.25
1901	Formidable	15,000	Four 12-inch; twelve 6-inch	18.0
1901	Irresistible	15,000		18.0
1902	Implicable	15,000		18.0
1902	London	15,000		18.0
1902	Venerable	15,000		18.3
1902	Bulwark	15,000		18.0
1904	Prince of Wales	15,000		18.0
1904	Queen	15,000		18.0
1903	Duncan	14,000	Four 12-inch; twelve 6-inch	18.9
1903	Exmouth	14,000		19.0
1903	Russell	14,000		19.3
1903	Albemarle	14,000		18.6
1904	Cornwallis	14,000		18.9
1904	Triumph	11,800	Four 10-inch; fourteen 7.5 inch.	19.6
1904	Swiftsure	11,800		19.6
1905	King Edward VII	16,350	Four 12-inch; four .2-inch; ten 6-inch.	19.4
1905	Commonwealth	16,350		19.1
1905	Dominion	16,350		19.5
1905	Hindustan	16,350		19.1
1905	New Zealand	16,350		18.59
1906	Africa	16,350		18.95
1906	Britannia	16,350		18.72
1906	Hibernia	16,350		18.9
1906	Dreadnought	17,900	Ten 12-inch	21.25
1907	Lord Nelson	16,500	Four 12-inch; ten 9.2-inch	18.0
1907	Agamemnon	16,500		18.0
	BUILDING.			
	Superb	18,600	Ten 12-inch	21.0
	Téméraire	18,600		21.0
	Bellerophon	18,600		21.0
	St. Vincent	19,250	Ten 12-inch	21.0
	Collingwood	19,250		21.0
	Vanguard	19,250		21.0
	Foudroyant	a 19,250		21.0
	Grand total, 61 battle ships	910,330		

ARMORED CRUISERS (39 first class).

1901	Cressy	12,000	Two 9.2-inch	20.79
1902	Sutlej	12,000		21.77
1902	Bacchante	12,000		21.75
1902	Hogue	12,000		22.6
1902	Aboukir	12,000		21.6
1904	Euryalus	12,000		21.63
1902	Drake	14,100	Two 9.2-inch; sixteen 6-inch.	24.11
1902	Good Hope	14,100		23.5
1903	King Alfred	14,100		23.46
1903	Leviathan	14,100		23.28

* Second class. a Reported.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

GREAT BRITAIN—Continued.

ARMORED CRUISERS (39 first class)—Continued.

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1903	Monmouth	9,800	Fourteen 6-inch	23.0
1903	Kent	9,800		24.0
1903	Bedford	9,800		22.7
1903	Essex	9,800		23.0
1903	Berwick	9,800		23.0
1903	Donegal	9,800		23.0
1904	Cumberland	9,800		23.0
1904	Lancaster	9,800		23.0
1904	Suffolk	9,800		24.7
1905	Cornwall	9,800		23.6
1905	Antrim	10,850	Four 7.5-inch; six 6-inch	23.23
1905	Hampshire	10,850		23.47
1905	Carnarvon	10,850		23.3
1905	Roxburgh	10,850		23.63
1905	Devonshire	10,850		22.25
1906	Argyll	10,850		22.38
1906	Duke of Edinburgh	13,550	Six 9.2-inch; ten 6-inch	22.84
1906	Black Prince	13,550		23.65
1906	Cochrane	13,550	Six 9.2-inch; four 7.5-inch	23.29
1906	Natal	13,550		23.33
1907	Achilles	13,550		23.27
1907	Warrior	13,550		22.33
1908	Shannon	14,600	Four 9.2-inch; ten 7.5-inch	23.0
1908	Minotaur	14,600		23.0
1908	Indomitable	17,250	Eight 12-inch	25.0
	BUILDING.			
	Defence	14,600	Four 9.2-inch; ten 7.5-inch	23.0
	Inflexible	17,250	Eight 12-inch	25.0
	Invincible	17,250		25.0
	A (Estimates 1908-9)	17,250		25.0
	Grand total, 39 armored cruisers	485,600		

UNITED STATES.

BATTLE SHIPS (27 first class).

1895	Indiana *	10,288	Four 13-inch; eight 8-inch; four 6-inch.	15.55
1896	Massachusetts *	10,288		16.21
1896	Oregon *	10,288		16.79
1897	Iowa *	11 346	Four 12-inch; eight 8-inch	17.9
1900	Kearsarge	520	Four 13-inch; four 8-inch	16.82
1900	Kentucky	520		16.90
1900	Alabama	11 552	Four 13-inch; fourteen 6-inch.	17.1
1901	Illinois	11 552		17.45
1901	Wisconsin	552		17.17
1902	Maine	12,500	Four 12-inch; sixteen 6-inch	18.18
1903	Missouri	12,500		18.15
1904	Ohio	12,500		17.82
1906	Rhode Island	14,948	Four 12-inch; eight 8-inch; twelve 6-inch.	19.1
1906	Virginia	14,948		19.1
1906	New Jersey	14,948		19.18
1906	Georgia	14,948		19.26
1907	Nebraska	14,948		19.6
1906	Connecticut	16,000	Four 12-inch; eight 8-inch; twelve 7-inch.	18.0
1906	Louisiana	16,000		18.82
1907	Minnesota	16,000		18.0
1907	Vermont	16,000		18.0
1907	Kansas	16,000		18.0
1908	Idaho	13,000	Four 12-inch; eight 8-inch; eight 7-inch.	17.0
1908	Mississippi	13,000		17.0
1908	New Hampshire	16,000	Four 12-inch; eight 8-inch; twelve 7-inch.	18.0
	BUILDING.			
	Michigan	16,000	Eight 12-inch	18.50
	South Carolina	16,000		18.50
	Delaware	20,000	Ten 12-inch	21.00
	North Dakota	20,000		21.00
	Florida	21,825		20.75
	Utah	21,825		20.75
	Grand total, 31 battle ships	449,796		

* Second class.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

UNITED STATES—Continued.

ARMORED CRUISERS.

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1893	New York	8,150	Four 8-inch; ten 5-inch	21.0
1896	Brooklyn	9,215	Eight 8-inch; twelve 5-inch	21.91
1905	Pennsylvania	13,680	Four 8-inch; fourteen 6-inch	22.44
1905	Maryland	13,680		22.41
1905	Colorado	13,680		22.24
1905	West Virginia	13,680		22.15
1907	California	13,680		22.0
1907	South Dakota	13,680		22.0
1906	Tennessee	14,500	Four 10-inch; sixteen 6-inch	22.16
1906	Washington	14,500		22.27
1908	North Carolina	14,500		22.0
1908	Montana	14,500		22.0
	Grand total, 12 armored cruisers	157,445		
1905	Charleston [a]	9,700	Fourteen 6-inch	22.4
1906	Milwaukee [a]	9,700		22.22
1906	St. Louis [a]	9,700		22.13

GERMANY.

BATTLE SHIPS. (27 first-class.)

1893	Weissenburg*	9,874	Six 11-inch; eight 4.1-inch	16.0
1893	Kurfurst Friedrich Wilhelm*	9,874		16.0
1893	Brandenburg*	9,874		16.5
1894	Worth*	9,874		17.2
1898	Kaiser Friedrich III	10,974	Four 9.4-inch; eighteen 6-inch	18.0
1900	Kaiser Wilhelm II	10,974		
1901	Kaiser Karl der Grosse	10,974		
1901	Kaiser Wilhelm der Grosse	10,974		
1901	Kaiser Barbarossa	10,974		
1902	Wittelsbach	11,643	Four 9.4-inch; eighteen 6-inch	18.0
1902	Zahringen	11,643		19.0
1902	Wettin	11,643		18.0
1903	Mecklenburg	11,643		18.3
1903	Schwaben	11,643		18.0
1904	Braunschweig	12,997	Four 11-inch; fourteen 6.7-inch	18.0
1905	Hessen	12,997		18.0
1905	Preussen	12,997		18.0
1905	Elsass	12,997		18.7
1906	Lothringen	12,997		18.54
1906	Deutschland	13,200	Four 11-inch; fourteen 6.6-inch	18.5
1907	Hannover	13,200		18.0
1907	Pommern	13,200		18.0
	BUILDING.			
	Schleswig-Holstein	13,200	Four 11-inch; fourteen 6.7-inch	18.5
	Schlesien	13,200		18.5
	Ersatz Sachsen	17,960	Twelve 11-inch	19.5
	Nassau	17,960		19.5
	Ersatz Baden	19,000	Twelve 12-inch [b]	19.5
	Ersatz Wurtemburg	19,000		19.5
	Oldenburg	19,000		19.5
	Beowulf	19,000		19.5
	Siegfried	19,000		19.5
	Grand total, 31 battle ships	414,486		

* Second class.

[a] Officially the 3 ships are protected cruisers. They are actually armored cruisers, and so treated by standard foreign publications. If included in above table they would give: Grand total, 15 armored cruisers, 186,545 tons.

[b] Reported.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

GERMANY—Continued.

ARMORED CRUISERS (11 first class).

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1900	Fürst Bismarck	10,700	Four 9.4-inch; twelve 5.9-inch.	19.0
1902	Prinz Heinrich	8,868	Two 9.4-inch; ten 5.9-inch	20.0
1903	Prinz Adalbert	9,000	Four 8.2-inch; ten 5.9-inch	20.3
1904	Friedrich Karl	9,000		20.5
1905	Roon	9,500	Four 8.2-inch; ten 5.9-inch	21.17
1905	Yorck	9,500		21.1
1907	Gneisenau	11,600	Eight 8.2-inch; six 5.9-inch	22.5
1907	Scharnhorst	11,600		
	BUILDING.			
	Bluecher	16,000	Twelve 8.2-inch; sixteen 6-inch.	22.5
	F	[a] 19,000	Ten 11-inch	25.0
	G	[a] 19,000		25.0
	Grand total, 11 armored cruisers	133,768		

FRANCE.

BATTLE SHIPS (15 first class).

1889	Hoche*	10,581	Two 13.4-inch; two 10.8-inch; twelve 5.5-inch.	16.0
1890	Marceau*	10,581	Four 13.4-inch; seventeen 5.5-inch.	16.4
1893	Magenta*	10,600	Four 13.4-inch; fourteen 5.5-inch.	16.25
1903	Henri IV*	8,948	Two 10.8-inch; seven 5.5-inch.	17.2
1895	Brennus*	10,983	Three 13.4-inch; ten 6.5-inch.	18.2
1896	Jaureguiberry*	11,824	Two 12-inch; two 10.8-inch; eight 5.5-inch.	18.7
1896	Carnot*	11,986		17.86
1897	Charles Martel*	11,882		18.1
1898	Charlemagne*	11,260		18.1
1898	Gaulois*	11,260	Four 12-inch; ten 5.5-inch	18.0
1900	St. Louis*	11,260		18.0
1898	Massena	11,924	Two 12-inch; two 10.8-inch; eight 5.5-inch.	17.1
1898	Bouvet	12,205		18.2
1903	Suffren	12,728	Four 12-inch; ten 6.5-inch	18.0
1906	Patrie	14,865	Four 12-inch; ten 7.6-inch	19.12
1906	Republique	14,865		19.15
1907	Justice	14,865	Four 12-inch; eighteen 6.5-inch.	18.0
1907	Democratie	14,865		18.0
	BUILDING.			
	Libertée	14,865	Four 12-inch; ten 7.6-inch	18.0
	Vérité	14,865		18.0
	Vergniaud	18,320	Four 12-inch; twelve 9.4-inch.	19.0
	Condorcet	18,320		
	Diderot	18,320		
	Mirabeau	18,320		
	Voltaire	18,320		
	Danton	18,320		
	Grand total, 26 battle ships	357,132		

* Second class.

[a] Reported.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

FRANCE—Continued.

ARMORED CRUISERS (15 first class).

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1893	Latouche-Treville *	4,750	Two 7.6-inch; six 5.5-inch	18.2
1896	Bruix *	4,750		18.3
1893	Dupuy de Lome *	6,300	Two 7.6-inch; six 6.4-inch	20.0
1896	Admiral Pothuau *	5,365	Two 7.6-inch; ten 5.5-inch	19.2
1903	Jeanne d'Arc	11,270		21.7
1903	Kleber *	7,735	Eight 6.4-inch	21.2
1903	Desaix *	7,735		21.7
1903	Dupleix *	7,735		21.0
1902	Montcalm	9,516	Two 7.6-inch; eight 6.4-inch	21.0
1902	Gueydon	9,516		21.0
1905	Dupetit Thouars	9,516		22.5
1903	Marseillaise	10,000	Two 7.6-inch; eight 6.4-inch	21.0
1904	Aube	10,000		21.9
1904	Gloire	10,000		21.0
1904	Conde	10,000		21.4
1906	Victor Hugo	12,550	Four 7.6-inch; sixteen 6.4-inch	22.0
1906	Jules Ferry	12,550		22.8
1904	Leon Gambetta	12,550		22.0
	BUILDING.			
	Michelet	12,750	Four 7.6-inch; twelve 6.4-inch	23.0
	Ernest Renan	13,644	Four 7.6-inch; twelve 6.4-inch	23.0
	Edgard Quinet	14,000	Fourteen 7.6-inch	23.0
	Waldeck Rousseau	14,000		
	Grand total, 22 armored cruisers	216,232		

JAPAN.

BATTLE SHIPS (14 first class).

1897	Fuji	12,320	Four 12-inch; ten 6-inch	18.5
1898	Tango *	10,960	Four 12-inch; twelve 6-inch	16.0
1899	Shikishima	14,850	Four 12-inch; fourteen 6-inch	18.3
1900	Asahi	15,200	Four 12-inch; fourteen 6-inch	18.0
1902	Mikasa	15,200		18.5
1901	Suwo	12,674	Four 10-inch; eleven 6-inch	18.0
1901	Sagami	12,674		
1902	Hizen	12,700	Four 12-inch; twelve 6-inch	18.0
1904	Iwami	13,516	Four 12-inch; twelve 6-inch	18.0
1906	Katori	15,950	Four 12-inch; four 10-inch; twelve 6-inch	19.5
1906	Kashima	16,400		19.2
	BUILDING.			
	Satsuma	19,200	Four 12-inch; twelve 10-inch	20.5
	Aki	19,800	....do	20.5
	A (projected)	a 21,000	Twelve 12-inch; sixteen 6-inch	20.5
	B (projected)	a 21,000		
	Grand total, 15 battle ships	233,444		

* Second class. a Not yet laid down.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

JAPAN—Continued.

ARMORED CRUISERS (15 first class).

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1899	Tokiwa	9,700	Four 8-inch; twelve 6-inch	23.0
1899	Asama	9,700		22.1
1901	Idzumo	9,750		22.0
1901	Iwate	9,750		22.0
1901	Yakumo	9,850	Four 8-inch; twelve 6-inch	20.0
1901	Adzuma	9,436		20.0
1902	Aso	7,726	Two 8-inch; eight 6-inch	22.0
1904	Kasuga	7,299	One 10-inch; two 8-inch; fourteen 6-inch.	.....
1904	Nisshin	7,700	Four 8-inch; fourteen 6-inch.	20.0
1907	Tsukuba	13,750	Four 12-inch; twelve 6-inch.	21.0
1907	Ikoma	13,750	Four 12-inch; eight 8-inch	21.0
	BUILDING.			
	Kurama	14,600	Four 12-inch; eight 8-inch	20.0
	Ibuki	14,600		
	A (projected)	18,700	Four 12-inch; eight 10-inch	.....
	B (projected)	18,700		
	Grand total, 15 armored cruisers	175,001		

RUSSIA.

BATTLE SHIPS (9 first class).

1890	Sinope *	10,180	Six 12-inch; seven 6-inch	16.75
1896	Georgei Pobiedonosetz *	10,280		16.5
1890	Imperator Alexander II *	9,244	Two 12-inch; four 9-inch; eight 6-inch.	16.5
1892	Dvienadsat Apostolof *	8,433	Four 12-inch; four 6-inch	16.6
1896	Tria Sviatitelia *	13,318	Four 12-inch; eight 6-inch	18.0
1899	Rostislav *	8,880	Four 10-inch; eight 6-inch	16.0
1902	Panteleimon	12,480	Four 12-inch; sixteen 6-inch.	17.0
1902	Tsarevitch	12,912	Four 12-inch; five 6-inch	19.6
1906	Slava	13,516		18.0
	BUILDING.			
	Evstafi	12,733	Four 12-inch; four 8-inch; sixteen 3-inch.	16.0
	Ioann Zlatoust	12,733		
	Andrei Pervozvanni	16,630	Four 12-inch; fourteen 8-inch.	18.0
	Imperator Pavel I	16,630		
	A (projected)	[a] 21,500	Ten 12-inch [a]	.....
	B (projected)	[a] 21,500		
	Grand total, 15 battle ships	200,969		

ARMORED CRUISERS (6 first class).

1898	Rossia	12,130	Four 8-inch; sixteen 6-inch	20.6
1900	Gromoboi	12,336		
1907	Rurik	15,000	Four 10-inch; eight 8-inch	21.0
1908	Makharoff	7,900	Two 8-inch; eight 6-inch	22.0
	BUILDING.			
	Bayan	7,900	Two 8-inch; eight 6-inch	21.0
	Pallada	7,900		
	Grand total, 6 armored cruisers	63,166		

* Second class.

[a] Reported.

PRINCIPAL NAVIES OF THE WORLD—COMPARATIVE TABLES, 1908—Continued.

ITALY.

BATTLE SHIPS (10 first class).

Completed in—	Name.	Displacement.	Main armament.	Speed.
		Tons.		*Knots.*
1893	Re Umberto*	13,298	Four 13.5 inch; eight 6-inch	19.0
1895	Sardegna*	13,298		20.1
1895	Sicilia*	13,298		19.2
1901	St. Bon*	9,800	Four 10-inch; eight 6-inch	18.3
1902	E. Filiberto*	9,800		
1904	Benedetto Brin	13,426	Four 12-inch; four 8-inch; twelve 6-inch.	19.5
1904	Regina Margherita	13,426		20.2
1906	Regina Elena	12,625	Two 12-inch; twelve 8-inch	22.0
1907	Vittorio Emanuele III	12,625		
	BUILDING.			
	Napoli	12,625	Two 12-inch; twelve 8-inch	22.0
	Roma	12,625	Two 12-inch; twelve 8-inch	22.0
	A	19,000	Eight 12-inch	22.0
	B, projected	a 19,000		
	C, projected	a 19,000		
	D, projected	a 19,000		
	Grand total, 15 battle ships	212,846		

ARMORED CRUISERS (7 first class).

1895	Marco Polo*	4,511	Six 6-inch	19.0
1897	Vettor Pisani*	6,396	Twelve 6-inch	20.0
1898	Carlo Alberto*	6,396		19.2
1900	Varese	7,294	One 10-inch; two 8-inch; fourteen 6-inch.	20.0
1901	Garibaldi	7,294		
1904	Ferrucio	7,294		
	BUILDING.			
	San Marco	9,832	Four 10-inch; eight 8-inch	22.5
	San Giorgio	9,832		
	Amalfi	9,832		
	Pisa	9,832		
	Grand total, 10 armored cruisers	78,513		

AUSTRIA.

BATTLE SHIPS (6 first class).

1906	Erzherzog Karl	10,600	Four 9.4-inch; four 7.4-inch; eight 7.4-inch.	20.3
1906	Erzherzog Friedrich	10,600		20.57
1907	Erzherzog Ferdinand Max	10,600		19.25
	PROJECTED.			
	A	14,500	Four 12-inch; eight 9.4-inch.	20.5
	B	14,500		20.5
	C	14,500		20.5
	Grand total, 6 battleships	74,300		

ARMORED CRUISERS (3 first class).

1895	Kaiserin Maria Theresia	5,270	Two 9.4-inch; eight 5.9-inch.	19.3
1900	Kaiser Karl VI	6,250		20
1906	Sankt Georg	7,500	Two 9.4 inch; five 7.5-inch; four 5.9-inch.	22
	Grand total, 3 armored cruisers	19,020		

* Second class. a Reported.

RECAPITULATION.

BATTLE SHIPS AND ARMORED CRUISERS BUILT, BUILDING, AND PROVIDED FOR

	Number.	Tonnage.		Number.	Tonnage.
Great Britain:			Japan:		
Battle ships	61	910,330	Battle ships	15	233,444
Armored cruisers	39	485,600	Armored cruisers	15	175,001
Total tonnage		1,395,930	Total tonnage		408,445
United States:			Russia:		
Battle ships	31	449,796	Battle ships	15	200,969
Armored cruisers	a12	a157,445	Armored cruisers	6	63,166
Total tonnage		607,241	Total tonnage		264,135
Germany:			Italy:		
Battle ships	31	414,486	Battle ships	15	212,846
Armored cruisers	11	133,768	Armored cruisers	10	78,513
Total tonnage		548,254	Total tonnage		291,359
France:			Austria:		
Battle ships	26	357,132	Battle ships	6	74,300
Armored cruisers	22	216,232	Armored cruisers	3	19,020
Total tonnage		573,364	Total tonnage		93,320

a If the *Charleston*, *Milwaukee*, and *St. Louis* are considered as armored cruisers, total tonnage of armored cruisers would be 186,545, and total tonnage of battle ships and armored cruisers, 636,341.

Draft of large United States vessels.

	Ft.	in.
Alabama, maximum draft aft	25	11
Illinois, maximum draft forward	26	6
Indiana, maximum draft aft	26	9
Iowa, maximum draft aft	26	10
Kearsage, maximum draft aft	26	11
Kentucky, maximum draft forward	26	2
Maine, maximum draft aft	26	8
Massachusetts, maximum draft aft	26	10
Missouri, maximum draft aft (estimated)	25	4½
Oregon, maximum draft aft	27	4
Wisconsin, maximum draft aft	26	3
Texas, mean draft	22	6
Brooklyn, mean draft	24	0
California (Colorado class), mean draft	24	1
Tennessee (Washington class), mean draft	25	0
New York, mean draft	23	3½
Connecticut, mean draft	24	6
Virginia, mean draft	23	9

MEMORANDUM.—Maximum draft of all our battle ships is about 27 feet, with slight variations, rather under than over.

Mean draft of some foreign battle ships.

	Ft.	in.
England:		
Dreadnaught	26	6
King Edward VII	26	9
Prince of Wales	26	9
Albemarle	26	6
France:		
Republique	27	6
Suffrou	27	6
Carnot	27	3
Germany:		
Braunschweig	24	6
Wittelsbach	24	9
Kaiser Wilhelm II	25	6

	Ft.	In.
Italy:		
Regina Marherita	27	3
Vittorio Emanuelo	27	3
Japan:		
Asahi	27	3
Yashima	26	6
Russia:		
Borodino	26	0
Czarevitch	26	0

ARMOR.

ARMOR CONTRACTS BETWEEN THE NAVY DEPARTMENT AND THE BETHLEHEM, CARNEGIE, AND MIDVALE STEEL COMPANIES.

BETHLEHEM STEEL COMPANY.

Vessel.	Act of authorization.	Date of contract.	Elapsed time between contract of ship and armor.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Months.	*Tons.*		
Amphitrite	Mar. 3, 1887	June 1, 1887	3	237.17	$604.85	Completed.
Puritan	....do	....do	3	1,126.46	604.85	Do.
Texas	....do	....do	10	1,064.77	604.85	Do.
Maine (old)	....do	....do	10	1,221.00	604.85	Do.
Monterey	....do	....do	24	174.26	604.85	Do.
Brooklyn	July 19, 1892	Mar. 1, 1893	.....	40.73	646.41	Do.
Oregon	Mar. 2, 1891	....do	27	899.74	646.41	Do.
Massachusetts	....do	June 1, 1887 / Mar. 1, 1893	27	2,191.25	604.85 / 646.41	Do.
Iowa	July 19, 1892	....do	.....	791.63	646.41	Do.
Kearsarge	Mar. 2, 1895	June 1, 1896	6	2,830.00	547.96	Do.
Alabama	May 4, 1898	June 9, 1898	20½	2,559.00	411.20	Do.
Illinois	....do	June 3, 1898	20½	1,406.00	411.20	Do.
Maine (new)	Mar. 3, 1899	Nov. 28, 1900	26	2,419.00	411.20 / 453.00	Do.
Ohio	....do	....do	26	1,213.00	411.20 / 453.00	Do.
Florida	....do	Oct. 4, 1899	12	541.44	411.20	Do.
Wyoming	....do	....do	12	541.44	411.20	Do.
Virginia	....do	Nov. 28, 1900	.....	1,948.00	411.20 / 453.00	Do.
Nebraska	....do	....do	.....	3,332.00	411.20 / 453.00	Do.
Georgia	....do	....do	.....	3,332.00	411.20 / 453.00	Do.
Pennsylvania	....do	....do	.....	1,908.00	411.20 / 453.00	Do.
West Virginia	....do	....do	1	954.00	411.20 / 453.00	Do.
Colorado	June 7, 1900	....do	.....	1,908.00	411.20 / 453.00	Do.
Maryland	....do	....do	.....	954.00	411.20 / 453.00	Do.
St. Louis	....do	....do	.....	365.00	411.20 / 453.00	Do.
Milwaukee	....do	....do	.....	731.00	411.20 / 453.00	Do.
Louisiana	July 1, 1902	Feb. 28, 1903	4½	3,542.00	411.20 / 453.00	Do.
Washington	....do	....do	1	2,190.00	411.20 / 453.00	Do.
Kansas	Mar. 3, 1903	Dec. 31, 1903	6½	1,772.00	411.20 / 453.00	Do.
Minnesota	....do	....do	6½	3,543.00	411.20 / 453.00	Do.
New Hampshire	Apr. 27, 1904	Apr. 1, 1905	4	3,038.00	411.20 / 453.00	Do.
North Carolina	....do	....do	4	1,921.00	411.20 / 453.00	Do.
South Carolina	Mar. 3, 1905	Aug. 10, 1906	⅔	1,794.00	345.89	Do.
Delaware	Mar. 2, 1907	Aug. 15, 1907	⅔	2,198.00	417.65	Do.
North Dakota	....do	....do	⅔	1,382.00	416.54	Do.
Florida	May 13, 1908	Awarded	1	1,983.00	422.36	Not yet begun.
Utah	....do	....do	1	1,154.00	421.99	Do.

ARMOR CONTRACTS BETWEEN THE NAVY DEPARTMENT AND THE BETHLEHEM, CARNEGIE, AND MIDVALE STEEL COMPANIES—Continued.

CARNEGIE STEEL COMPANY.

Vessel.	Act of authorization.	Date of contract.	Elapsed time between contract of ship and armor.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Months.	*Tons.*		
Amphitrite	Mar. 3, 1887	Nov. 20, 1890	32	427	$574.00	Completed.
Monadnock	....do....	....do....	32	675	574.00	Do.
Terror	....do....	....do....	32	629	574.00	Do.
Monterey	....do....	....do....	17	532	574.00	Do.
Katahdin	June 3, 1890	....do....	.....	775	574.00	Do.
New York	Sept. 7, 1888	....do....	3	517	574.00	Do.
Brooklyn	July 19, 1892	Feb. 28, 1893	.....	661	671.00	Do.
Oregon	Mar. 2, 1891	Nov. 20, 1890	.....	1,867	574.00	Do.
Massachusetts	....do....	....do....	27	582	574.00	Do.
		Feb. 28, 1893			671.00	
Indiana	Mar. 2, 1891	June 1, 1887	27	2,316	605.00	Do.
		Mar. 1, 1893			646.00	
	....do....	Nov. 20, 1890	27	430	574.00	Do.
		Feb. 28, 1893			671.00	
Iowa	July 19, 1892	Feb. 28, 1903	.....	1,812	671.00	Do.
Kentucky	Mar. 2, 1895	June 1, 1896	6	2,830	552.50	Do.
Illinois	May 4, 1898	June 9, 1898	20½	1,153	411.20	Do.
Wisconsin	....do....	....do....	20½	2,559	411.20	Do.
Ohio	Mar. 3, 1899	Nov. 26, 1900	26	1,214	411.20	Do.
					453.00	
Missouri	....do....	....do....	26	2,409	411.20	Do.
					453.00	
Arkansas	....do....	Aug. 30, 1899	10	538	411.20	Do.
Nevada	....do....	....do....	10	538	411.20	Do.
Virginia	....do....	Nov. 26, 1900	.....	1,384	411.20	Do.
					453.00	
West Virginia	....do....	....do....	.....	954	411.20	Do.
					453.00	
California	....do....	....do....	.....	1,908	411.20	Do.
					453.00	
New Jersey	June 7, 1900	....do....	.....	3,332	411.20	Do.
					453.00	
Rhode Island	....do....	....do....	.....	3,332	411.20	Do.
					453.00	
Maryland	....do....	....do....	.....	954	411.20	Do.
					453.00	
South Dakota	....do....	....do....	.....	1,908	411.20	Do.
					453.00	
St. Louis	....do....	....do....	.....	365	411.20	Do.
					453.00	
Charleston	....do....	....do....	.....	731	411.20	Do.
					453.00	
Connecticut	July 1, 1902	Feb. 28, 1903	.....	3,542	411.20	Do.
					453.00	
Tennessee	....do....	....do....	1	2,190	411.20	Do.
					453.00	
Vermont	Mar. 3, 1903	Jan. 9, 1904	6½	3,543	411.20	Do.
					453.00	
Kansas	....do....	....do....	6½	1,772	411.20	Do.
					453.00	
Montana	Apr. 27, 1904	Apr. 3, 1905	4	1,921	411.20	Do.
					453.00	
South Carolina	Mar. 3, 1905	Aug. 13, 1906	⅔	1,865	345.95	Do.
Delaware	Mar. 2, 1907	July 22, 1907	−½	2,491	416.35	72 per cent completed.
North Dakota	....do....	....do....	−½	1,047	418.36	78 per cent completed.
Florida	May 13, 1908	Awarded.....	1	977	422.20	Not yet begun.
Utah	....do....	....do....	1	2,176	423.07	Do.

Armor Contracts between the Navy Department and the Bethlehem, Carnegie, and Midvale Steel Companies—Continued.

MIDVALE STEEL COMPANY.

Vessel.	Act of authorization.	Date of contract.	Elapsed time between contract of ship and armor.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Months.	*Tons.*		
Mississippi	Mar. 3, 1903	Dec. 15, 1903	.....	3,090	$385.00 398.00	Completed.
Idaho	.....do.....	.....do.....	.....	3,090	385.00 398.00	Do.
New Hampshire	Apr. 27, 1904	Apr. 5, 1905	4	504	385.00 398.00	Do.
North Carolina	.....do.....	.....do.....	4	269	385.00 398.00	Do.
Montana	.....do.....	.....do.....	4	269	385.00 398.00	Do.
Michigan	Mar. 3, 1905	Aug. 6, 1906	½	3,660	345.92	Do.
North Dakota	Mar. 2, 1907	Aug. 29, 1907	+¾	2,259	416.56	14 per cent completed.
Florida	May 13, 1908	Awarded.....	1	1,748	420.73	Not yet begun.
Utah	.....do.....	.....do.....	1	1,380	418.31	Do.

Armor Abroad.

LATEST PRICES PAID BY NAVAL POWERS.

Country.	Average of all armor.	Krupp armor.
	Per ton.	*Per ton.*
Japan	$400.00	$400.00
Austria	449.00	557.00
Italy	521.00	550.00
Germany	450.00	450.00
France	569.00	572.00
England	626.00	681.00
United States	421.57	Class A 420.00

Depths of Harbors.

Locality.	Mean low water.	Mean high water.	Remarks.
	Feet.	*Feet.*	
Portland, Me.: Up to wharves	30	38½	By dredged channel.
Portsmouth, N. H., channel	39	.....	
At wharves	23	.....	
At Hendersons Point	30	.....	
Boston, Mass.:			
Up to Boston light-house	30	39½	By main ship channel.
Boston light-house to Boston	27	36½	Do.
New York Bay:			
Through Gedney Channel	30	34½	Greater depth up to New York City through principal channel.
Through main channel	30	34½	
Through Ambrose Channel	38	42½	
New York Harbor:			
Through Bay Ridge Channel and Red Hook Channel.	30	34½	From The Narrows to Buttermilk Channel.
Through Buttermilk Channel	30	34½	From Upper Bay to East River.
Philadelphia: Up to Philadelphia from the sea.	23	28	Improvements to river channel are in progress.

DEPTHS OF HARBORS—Continued.

Locality.	Mean low water.	Mean high water.	Remarks.
Chesapeake Bay:	*Feet.*	*Feet.*	
Into Hampton Roads	30	32½	From the sea.
Up to Patapsco River	35	37	From the sea (by dredged channel).
Into Baltimore Harbor	35	36	By dredged channels.
Up to navy-yard, Norfolk	28	30¾	
Charleston, S. C., harbor:			
Entrance by main channel	26	31½	
Up to Charleston	27	32½	From inside bar by south channel, in harbor.
Do	18	23½	From lower anchorage by Folly Island channel
Savannah River:			
At entrance	23	30	Over bar.
Up to Savannah	22	28½	From inside bar.
Key West harbor:			
Entrance by main (south) channel	29	30¼	
Entrance by west channel	30	31½	
Up to Key West	26	27½	
Pensacola, Fla	30	.....	Tides irregular.
Tampa Bay	24	25½	
Mobile Bay:			
At entrance	27½	.....	
Up to Mobile from lower flat	23	.....	Tides very irregular.
Galveston, Tex	27½	.....	
San Juan Harbor:			
At entrance	35	36	
Up to city of San Juan	27	28	
San Francisco Bay:			
Over bar by south channel	34½	39¼	Depths refer to mean lower low waters.
Up to Mare Island Navy-Yard	20	26	
Puget Sound	.....	.....	Main channel very deep, usually too deep for anchorage except close to shore.

DOCKS AND MARINE RAILWAYS.

DOCKS OF THE NAVY COMPLETED AND UNDER CONSTRUCTION.

GRAVING DOCKS.

Location.	Material.	Length on coping, head to outer sill.	Width at coping in body of dock.	Depth over sill at mean high water.	Date of commencement.	Date of completion.	Cost to date of completion.	Completion Dec. 1, 1908.
		Ft. in.	*Ft. in.*	*Ft. in.*				*P. ct.*
Portsmouth, N. H.	Granite and concrete.	750 0	130 0	30 0	1899	1906	$1,122,805.59	100.0
Boston, Mass	Granite	393 0½	86 1½	25 10½	1827	1833	972,717.29	100.0
Do	Granite and concrete.	750 0	114 0	30 7½	1899	1905	1,100,000.00	100.0
New York, N. Y.	Granite	374 3	98 4	25 0¾	1841	1851	2,003,498.05	100.0
Do	Concrete	471 0	112 5	25 11½	1887	1890	595,019.24	100.0
Do	Wood	668 7	150 10	29 4¾	1893	1897	554,707.08	100.0
Do	Granite and concrete.	585 0	126 0	33 6	1905	.....	(a)	10.0
League Island, Pa.	Wood and concrete	500 0	133 0	25 5	1889	1891	548,700.00	100.0
Do	Granite and concrete.	754 7	140 0	30 0	1899	1908	1,175,000.00	100.0
Norfolk, Va	Granite	332 5	86 3½	25 1	1827	1834	943,676.00	100.0
Do	Wood	500 0	130 2	25 3½	1887	1889	504,980.76	100.0
Do	Granite and concrete.	550 0	136 0	34 0	1903	1908	1,200,000.00	100.0
Charleston, S. C.	Stone and concrete	575 0	134 0	34 0	1902	1908	1,250,000.00	100.0
Mare Island, Cal.	Granite	516 11½	121 11½	27 5	1872	1891	2,772,332.08	100.0
Do	Granite and concrete.	752 0	120 0	31 5	1899	.....	(a)	80.0
Puget Sound, Wash.	Wood body with masonry entrance.b	650 5½	130 1½	30 0	1892	1896	632,636.33	100.0
Do	Stone and concrete	870 0	135 0	38 0	1908	.....	(a)	1.0
Pollock, P. I.	Stone	120 0	30 0	7 6	.....	.....	.....	100.0
Guantanamo, Cuba.	Concrete and granite.	727 6	139 0	37 0	1905	.....	(c)	6.5
Pearl Harbor	do	1,140 0	130 0	35 0	.....	.....	(d)	.....

a Under construction.
b Upper 8 altars rebuilt in concrete in 1906.
c Construction suspended.
d Authorized.

DOCKS OF THE NAVY COMPLETED AND UNDER CONSTRUCTION—Continued.

FLOATING DOCKS.

Location.	Material.	Length over all.	Extreme breadth in clear.	Date of completion	Cost to date of completion.
		Ft. in.	*Ft. in.*		
Pensacola, Fla.	Steel	450 0	87 11½	1897	$195,000.00
New Orleans, La.	do	525 0	100 0	1902	809,712.52
Olongapo, P. I.	do	500 0	100 0	1905	1,170,792.68

MARINE RAILWAYS.

Location.	Capacity.
	Tons.
Washington, D. C.	500
Norfolk, Va.	150
San Juan, P. R.	6
Cavite, No. 1	500
Cavite, No. 2	30
Cavite, No. 3	25

PUBLIC WORKS.

NAVY-YARDS AND STATIONS, PUBLIC WORKS, ETC., UNDER BUREAU OF YARDS AND DOCKS.

EXPENDITURES (MATERIAL AND LABOR) FROM 1883 TO 1908, INCLUSIVE.

Fiscal year ending June 30—	Public works.	Yard improvements.	Repairs and preservation.	Maintenance.	Closed yards.
1883		$446,221.03	$170,212.03	$333,630.11	
1884		380,285.91	155,385.58	201,375.69	$49,430.58
1885		333,264.94	134,056.39	198,546.18	324.18
1886		395,020.26	122,369.06	189,064.16	
1887		268,936.51	124,352.47	173,533.81	
1888		599,539.16	388,279.77	171,275.67	
1889		999,966.89	312,646.87	170,266.98	
1890		886,483.08	257,266.15	163,753.11	
1891		673,295.48	275,798.54	220,039.22	
1892		858,611.09	299,239.97	235,440.01	
1893		618,129.65	273,314.08	238,759.05	
1894		807,964.43	335,195.60	240,125.35	
1895		768,792.93	298,965.18	240,047.65	
1896		1,237,586.96	372,170.64	261,809.12	
1897		746,328.33	398,575.46	267,879.87	
1898		832,378.72	537,570.32	280,761.47	
1899		1,226,878.45	505,034.91	378,404.81	
1900		3,796,024.30	542,573.27	418,044.00	
1901		3,994,627.15	568,805.23	528,113.03	
1902		4,359,367.39	552,823.93	574,345.19	
1903	$5,077,020.06		510,619.88	679,638.92	
1904	5,846,699.52		608,717.51	802,906.84	
1905	7,152,236.88		539,365.86	835,509.42	
1906	4,284,644.42		547,860.19	805,032.18	
1907	3,694,136.31		565,910.44	928,026.44	
1908	4,122,839.05		527,386.01	1,062,255.90	
Total	30,177,556.24	24,229,722.66	9,924,496.45	10,598,584.18	49,754.76

NAVY-YARDS AND STATIONS, [illegible] OF YARDS AND

EXPENDITURES (MATERIAL [illegible] IVE—Continued.

Fiscal year ending June 30—			ational efense.	Emergency.	Total.
1883	$20,536.01	$16,744.89			$987,344.18
1884	23,887.84	19,503.19			829,868.79
1885	23,540.97	12,968.80			702,701.46
1886	23,973.14	6,419.89			736,846.51
1887	56,530.35	9,074.97			632,428.11
1888	44,478.01	11,765.89			1,215,538.50
1889	45,039.91	19,229.86			1,547,150.51
1890	46,460.24	2,228.00			1,356,190.58
1891	52,712.12	18,701.64			1,240,546.00
1892	57,826.62	20,078.05			1,471,195.74
1893	60,102.20	14,200.83			1,204,505.81
1894	60,491.82	7,382.09			1,451,179.29
1895	58,766.55	17,512.02			1,384,084.3[illegible]
1896	56,883.16	11,810.81			1,940,260.69
1897	58,055.34	15,542.42			1,486,371.42
1898	65,151.66	15,580.17	$40,712.75		1,772,155.10
1899	69,599.48	12,992.96	420,918.91	$200,797.38	2,814,626.90
1900	81,625.05	24,820.59	109,249.13	103,657.49	5,099,957.68
1901	81,720.43	20,775.53	90,847.32	51,472.41	5,336,361.10
1902	97,245.67	12,388.83	1,360.00	37,107.09	5,634,638.10
1903	104,382.53	32,120.58	135,962.82	64,700.88	6,604,505.67
1904	103,538.60	51,098.54	141,649.67	3,077.93	7,557,688.61
1905	141,366.87	41,662.11			8,710,141.14
1906	133,706.65	33,776.39			5,805,019.83
1907	134,464.73				5,322,537.92
1908	142,198.52	48,670.55			5,903,350.03
Total	1,844,284.47	497,049.60	940,700.60	460,813.18	78,847,194.00

COAL FOR THE NAVY.

A total of 836,389 tons of coal, costing, including transportation, $5,168,824.35, an average of $6.18 per ton, was purchased during the fiscal year.

The following table indicates the quantity of coal purchased since 1892 and the cost thereof, including transportation:

Fiscal year ending June 30—	Quantity.	Total cost.	Average cost per ton.
	Tons.		
1892	73,467	$550,451.35	$7.49
1893	67,054	449,065.27	6.69
1894	94,336	640,355.96	6.78
1895	98,615	527,590.25	5.35
1896	116,903	620,131.38	5.30
1897	138,318	655,921.72	4.75
1898	452,551	2,122,005.28	4.68
1899	281,169	1,679,510.55	5.97
1900	228,395	1,572,652.97	6.88
1901	324,108	2,273,111.81	7.01
1902	382,040	2,220,211.09	5.81
1903	487,036	2,435,168.37	5.00
1904	498,576	2,519,929.82	5.05
1905	543,421	2,742,618.21	5.05
1906	672,867	2,829,032.04	4.20
1907	598,011	2,553,469.44	4.28
1908 [a]	836,389	5,168,824.35	6.18

[a] A total of 618,085.11 tons of coal was used on ships of the navy, the same being consumed in the following proportions for the purposes named: 49.30 per cent for steaming, 1.90 per cent for galleys, 1.97 per cent for steam launches, 12.11 per cent for distilling, 21.79 per cent for electric lighting and power, and 12.93 per cent for heating, flushing, etc.

DOMESTIC COAL.

Of the total amount purchased, 771,928 tons, costing, with transportation thereof, $4,546,405.11, an average of $5.889 per ton, were purchased within the limits of the United States.

The following table indicates the quantity of coal purchased in the United States since 1892 and the cost thereof, including transportation:

Fiscal year ending June 30—	Quantity.	Total cost.	Average cost per ton.
	Tons.		
1892	38,450	$221,918.66	$5.77
1893	33,257	147,999.04	4.45
1894	42,190	178,163.58	4.22
1895	50,630	181,985.89	3.59
1896	55,162	196,795.40	3.57
1897	82,051	280,091.09	3.41
1898	378,437	1,520,119.75	4.02
1899	195,216	1,238,355.40	6.34
1900	141,921	834,527.34	5.88
1901	219,042	1,379,433.51	6.30
1902	293,438	1,543,869.35	5.26
1903	385,017	1,731,064.69	4.50
1904	395,344	1,708,446.25	4.32
1905	469,902	2,160,274.05	4.81
1906	621,286	2,480,661.27	3.99
1907	532,586	2,178,690.57	4.097
1908	771,928	4,546,405.11	5.889

FOREIGN COAL.

The balance, viz, 64,461 tons, were purchased by ships, chiefly abroad, at an average of $9.66 per ton, costing $622,419.24.

The following table indicates the quantity of coal purchased by ships since 1892 and the cost thereof:

Fiscal year ending June 30—	Quantity.	Total cost.	Average cost per ton.
	Tons.		
1892	35,017	$298,948.55	$8.53
1893	33,797	301,066.23	8.91
1894	52,146	462,192.38	8.86
1895	47,985	336,183.47	7.00
1896	61,741	423,335.98	6.85
1897	56,268	375,840.63	6.68
1898	74,111	601,885.53	8.12
1899	85,953	441,155.15	5.13
1900	86,476	738,125.63	8.535
1901	105,066	893,677.81	8.50
1902	88,602	676,341.74	7.63
1903	102,019	704,003.68	6.90
1904	103,282	811,483.57	7.86
1905	73,519	582,244.16	7.92
1906	51,581	348,370.77	6.75
1907	65,425	474,778.87	7.256
1908	64,461	622,419.24	9.66

MEMORANDUM: On a ton of coal a battleship will go about 3$\frac{44}{100}$ knots. The *Louisiana* (bunkers holding 2,500 tons) could go 28 days of 10 knots an hour or 6,720 knots.

PERSONNEL OF THE NAVY.

OFFICERS AND MEN ON THE ACTIVE LIST OF THE NAVY.

Officers on the active list of the navy November, 1908, consist of the following:

Admiral of the Navy	1	Assistant paymasters	40
Rear-admirals	26	Chaplains	23
Captains	81	Professors of mathematics	14
Commanders	121	Naval constructors	25
Lieutenant-commanders	213	Assistant naval constructors	44
Lieutenants	319	Civil engineers	29
Lieutenants (junior grade)	0	Assistant civil engineers	12
Ensigns	344	Chief boatswains	74
Midshipmen at sea	383	Boatswains	74
Medical directors	15	Chief gunners	69
Medical inspectors	15	Gunners	53
Surgeons	87	Chief carpenters	48
Passed assistant surgeons	97	Carpenters	49
Assistant surgeons	91	Chief sailmakers	6
Acting assistant surgeons	13	Warrant machinists	200
Pay directors	14	Pharmacists	24
Pay inspectors	15		
Paymasters	76	Total	2,751
Passed assistant paymasters	56		

The total of 2,751 officers is divided in the various branches of the naval service as follows:

Total number of line officers	1,105
Total number of staff officers	666
Total number of midshipmen at sea	383
Total number of warrant officers	597
Total	2,751

Officers on the retired list of the navy, November, 1908.

Rear-admirals	140	Passed assistant engineers	23
Commodores	25	Assistant engineers	15
Captains	49	Chaplains	11
Commanders	77	Professors of mathematics	7
Lieutenant commanders	23	Chief constructor, retired	1
Lieutenants	36	Naval constructors	4
Lieutenants (junior grade)	9	Civil engineers	5
Ensigns	18	Chief boatswains	19
Surgeons general, retired	2	Boatswains	10
Medical directors	32	Chief gunners	18
Medical inspectors	10	Gunners	13
Surgeons	20	Chief carpenters	16
Passed assistant surgeons	9	Carpenters	10
Assistant surgeons	9	Chief sailmakers	5
Paymasters-general, retired	3	Sailmakers	6
Pay directors	31	Warrant machinists	24
Pay inspectors	6	Pharmacists	9
Paymasters	8	Mates	12
Assistant paymasters	2		
Engineer in chief, retired	1	Total	766
Chief engineers	48		

PETTY OFFICERS AND ENLISTED FORCE OF THE NAVY.

Number of petty officers, seamen, landsmen, boys, etc., for each year from act of March 3, 1885, to and including act of May 13, 1908.

Act of March 3, 1885 (48th Cong., 2d sess.)	8,250
Act of July 26, 1886 (49th Cong., 1st sess.)	8,250
Act of March 3, 1887 (49th Cong., 2d sess.)	8,250
Act of September 7, 1888 (50th Cong., 1st sess.)	8,250
Act of March 2, 1889 (50th Cong., 2d sess.)	8,250
Act of June 30, 1890 (51st Cong., 1st sess.)	8,250
Act of March 2, 1891 (51st Cong., 2d sess.)	8,250
Act of July 19, 1892 (52d Cong., 1st sess.)	8,250
Act of March 3, 1893 (52d Cong., 2d sess.)	9,000
Act of July 26, 1894 (53d Cong., 2d sess.)	9,000
Act of March 2, 1895 (53d Cong., 3d sess.)	9,000
Act of June 10, 1896 (54th Cong., 1st sess.	10,000
Act of March 3, 1897 (55th Cong., 1st sess.)	11,750
Act of May 4, 1898 (55th Cong., 2d sess.)	13,750
Act of March 3, 1899 (55th Cong., 3d sess.)	20,000
Act of June 7, 1900 (56th Cong., 1st sess.)	20,000
Act of March 3, 1901 (56th Cong., 2d sess.)	25,050
Act of July 1, 1902 (57th Cong., 1st sess.)	28,000
Act of March 3, 1903 (57th Cong., 2d sess.)	31,000
Act of April 27, 1904 (58th Cong., 2d sess.)	34,000
Act of March 3, 1905 (58th Cong., 3d sess.)	37,000
Act of June 29, 1906 (59th Cong., 1st sess.)	37,000
Act of March 2, 1907 (59th Cong., 2d sess.)	38,500
Act of May 13, 1908 (60th Cong., 1st sess.)	44,500

Entire pay for officers and men of the navy for each year from act of March 3, 1885, to and including act of May 13, 1908.

Act of March 3, 1885 (48th Cong., 2d sess.)	$6,940,780
Act of July 26, 1886 (49th Cong., 1st sess.)	7,000,000
Act of March 3, 1887 (49th Cong., 2d sess.)	7,000,000
Act of September 7, 1888 (50th Cong., 1st sess.)	7,082,404
Act of March 2, 1889 (50th Cong., 2d sess)	7,250,000
Act of June 30, 1890 (51st Cong., 1st sess.)	7,250,000
Act of March 2, 1891 (51st Cong., 2d sess.)	7,300,000
Act of July 19, 1892 (52d Cong., 1st sess.)	7,300,000
Act of March 3, 1893 (52d Cong., 2d sess.)	7,300,000
Act of July 26, 1894 (53d Cong., 2d sess.)	7,475,000
Act of March 2, 1895 (53d Cong., 3d sess.)	7,649,329
Act of June 10, 1896 (54th Cong., 1st sess.)	8,100,873
Act of March 3, 1897 (55th Cong., 1st sess.)	8,235,385
Act of May 4, 1898 (55th Cong., 2d sess.)	9,125,460
Act of March 3, 1899 (55th Cong., 3d sess.)	13,500,171
Act of June 7, 1900 (56th Cong., 1st sess.)	12,810,897
Act of March 3, 1901 (56th Cong., 2d sess.)	15,200,284
Act of July 1, 1902 (57th Cong., 1st sess.)	16,138,199
Act of March 3, 1903 (57th Cong., 2d sess.)	17,706,099
Act of April 27, 1904 (58th Cong., 2d sess.)	19,324,093
Act of March 3, 1905 (58th Cong., 3d sess.) (Reappropriation $2,500,000)	17,500,000
Act of June 29, 1906 (59th Cong., 1st sess.)	20,269,637
Act of March 2, 1907 (59th Cong., 2d sess.)	21,000,000
Act of May 13, 1908 (60th Cong., 1st sess.)	30,979,225
Total	289,432,836

Midshipmen.

MIDSHIPMEN (FORMERLY CADETS) AT SEA AND ON SHORE, 1879 TO 1908, INCLUSIVE.

Year.	At sea.	At Naval Academy.	Total.
1879	123	352	475
1880	163	318	481
1881	196	260	456
1882	208	238	446
1883	101	247	348
1884	82	237	319
1885	73	244	317
1886	58	237	295
1887	69	234	303
1888	72	232	304
1889	63	243	306
1890	67	238	305
1891	66	236	302
1892	70	234	304
1893	68	242	310
1894	68	237	305
1895	60	241	301
1895	52	251	303
1897	62	257	319
1898	64	278	342
1899	91	262	353
1900	111	280	391
1901	124	327	451
1902	125	406	531
1903	102	649	751
1904	105	823	928
1905	174	881	1,055
1906	304	751	1,055
1907	312	852	1,164
1908	383	798	1,181

Present law authorizing appointment of midshipmen, pages 422 and 519 of Navy Yearbook.

AVERAGE AGE AND LENGTH OF SERVICE OF OFFICERS RETIRED UNDER SECTION 8 OF THE "NAVY PERSONNEL ACT."

Year.	Captains.			Commanders.			Lieutenant-commanders.		
	No. of retirements.	Average age.	Average service.	No. of retirements.	Average age.	Average service.	No. of retirements.	Average age.	Average service.
1899				3	56⅓	36⅓	7	50	33 5/12
1900	1	60	38¼	1	55	38½	6	51⅓	34⅔
1901							3	52⅔	34 7/12
1902									
1903									
1904									
1905	2	59	39	15	52⅔	34 11/12	38	47	29 5/12
1906	4	58	41 1/12	1	49	32⅔	9	44⅔	25 11/12
1907	2	58	42⅔	3	52⅔	35 11/12			
1908	10	56 5/12	39 11/12	4	51 7/12	34 7/12			
Total	19	58 17/20	40 1/20	27	52 7/12	35 1/36	63	49 1/20	31⅔

CITIZENSHIP OF ENLISTED FORCE.

	Native born.	Naturalized.	Aliens declared intentions.	Aliens resident in United States.	Aliens non-resident in United States.	Natives of—				Total.
						Porto Rico.	Guam.	Samoa.	Philippines.	
Petty officers	9,153	1,979	124	33	.....	7	7	6	55	11,364
Other rates	24,838	1,275	324	348	354	39	31	75	400	27,684
Total	33,991	3,254	448	381	354	46	38	81	455	39,048

	Percentage of citizenship.
Petty officers (11,364):	
Native born	80.5
Naturalized	17.4
Declared intentions	1.1
Aliens resident in United States	.3
Natives colonial possessions	.7
Citizens of the United States	98
Enlisted men other than petty officers (27,684):	
Native born	89.7
Naturalized	4.6
Declared intentions	1.2
Aliens resident in the United States	1.3
Aliens nonresident in the United States	1.3
Natives colonial possessions	1.9
Citizens of the United States	93.7
Citizenship of the total enlisted force (39,048):	
Native born	87
Naturalized	8.3
Citizens of the United States	95.4
Increase in native-born petty officers over 1907	3.9
Increase in native born, "other rates," over 1907	2.5
Increase in citizenship, petty officers, over 1907	1.5
Increase in citizenship, "other rates," over 1907	.5
Increase in native born, total enlisted force, over 1907	3
Increase in citizenship, total enlisted force, over 1907	1.2

RETIRED LIST—ENLISTED MEN.

There were 53 men retired during the past year, making the total number on the retired list June 30, 1908, 240, as follows:

Chief masters at arms	29	Boatswains' mates, second class	7
Chief boatswains' mates	27	Gunners' mates, second class	7
Chief gunners' mates	8	Quartermaster, second class	1
Chief quartermasters	9	Machinist's mate, second class	1
Chief machinists' mates	16	Oilers	4
Chief carpenters' mates	6	Coxswains	6
Chief water tender	1	Gunner's mate, third class	1
Chief commissary stewards	3	Quartermasters, third class	2
Chief yeomen	21	Coxswains to commander in chief	3
Hospital steward	1	Hospital apprentices, first class	2
Bandmasters	5	Seamen	7
Masters at arms, first class	3	Firemen, first class	11
Boatswains' mates, first class	10	Musicians, first class	4
Gunners' mates, first class	3	Ships' cooks, first class	9
Quartermasters, first class	4	Steward to commander in chief	1
Boiler maker	1	Stewards to commandants	4
Machinists' mates, first class	7	Wardroom stewards	2
Sailmakers' mates	3	Wardroom cook	1
Carpenter's mate, first class	1	Master at arms, second class	1
Water tenders	6		
Painter, first class	1	Total	240
First musician	1		

WARRANT OFFICERS APPOINTED AS ENSIGNS.

NUMBER OF WARRANT OFFICERS WHO HAVE APPLIED FOR APPOINTMENT AS ENSIGNS IN THE NAVY UNDER THE PROVISIONS OF AN ACT OF CONGRESS APPROVED MARCH 3, 1901, AS AMENDED MARCH 3, 1903, AND APRIL 27, 1904, FOR THE YEARS 1901, 1902, 1903, 1904, 1905, 1906, 1907, AND 1908, AND THE NUMBER APPOINTED EACH YEAR.

When appointed.	Number appointed.	Present rank.
July 30, 1901	2	Lieutenant.
July 30, 1902	1	Do.
July 30, 1903	2	Do.
July 30, 1904	10	Do.
July 30, 1905	5	2 lieutenants and 3 lieutenants (junior grade).
July 30, 1906	3	Ensign.
July 30, 1907	0	
July 30, 1908	2	Do.

	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	Total.
Applied	7	1	6	23	12	8	6	3	66
Appointed	2	1	2	10	5	3	0	2	25
Failed on examination	1	.....	1	11	5	3	4	1	26
Withdrew applications	.....	.....	1	2	2	1	2	0	8
Not qualified for appointment by reason of age or length of service and not permitted to take examination	4	.....	2	.....	.....	1	0	0	7
Total	7	1	6	23	12	8	6	3	66

PERSONNEL MARINE CORPS.

STATEMENT SHOWING THE STRENGTH OF OFFICERS AND ENLISTED MEN IN THE MARINE CORPS AND THAT ALLOWED BY LAW NOVEMBER 20, 1908.

Grade.	In service.	Allowed by law.
OFFICERS.		
Major-general, commandant	1	1
STAFF.		
Colonel, adjutant and inspector	1	1
Lieutenant-colonels, assistant adjutants and inspectors	2	2
Majors, assistant adjutants and inspectors	3	3
Colonel, quartermaster	1	1
Lieutenant-colonels, assistant quartermasters	2	2
Majors, assistant quartermasters	3	3
Captains, assistant quartermasters	11	11
Colonel, paymaster	1	1
Lieutenant-colonel, assistant paymaster	1	1
Majors, assistant paymasters	2	2
Captains, assistant paymasters	2	2
LINE.		
Colonels	8	8
Lieutenant-colonels	7	7
Majors	20	20
Captains	84	90
First lieutenants	88	92
Second lieutenants	30	86
Total	267	333

STATEMENT SHOWING THE STRENGTH OF OFFICERS AND ENLISTED MEN IN THE MARINE CORPS AND THAT ALLOWED BY LAW NOVEMBER 20, 1908—Continued.

Grade.	In service.	Allowed by law.
ENLISTED.		
Sergeants-major	7	8
Quartermaster-sergeants	71	75
Drum major	1	1
First sergeants	99	102
Gunnery sergeants	70	82
Sergeants	[a] 507	[b] 462
Corporals	[c] 849	[b] 862
Drummers	73	120
Trumpeters	123	120
Privates	7,450	7,627
Leader of band	1	1
Second leader of band	1	1
First-class musicians	30	30
Second-class musicians	30	30
Total	9,312	9,521
Grand total	9,579	9,854

[a] Includes 49 holding recruiting warrants (A. R. 853, 1908).
[b] Exclusive of those allowed by paragraph 853, A. R., 1908.
[c] Includes 19 holding recruiting warrants (A. R. 853, 1908).

Officers on the retired list of the Marine Corps November 20, 1908.

Major-general	1	Captains	7
Brigadier-generals	7	First lieutenants	11
Colonels	2	Second lieutenants	4
Lieutenant-colonels	7		
Majors	9	Total	48

Entire pay for officers and men of the Marine Corps, including "undrawn clothing," "mileage," "commutation of quarters," for each year from act of March 3, 1885, to and including act of May 13, 1908.

Act of March 3, 1885 (48th Cong., 2d sess.)	$601,607.00
Act of July 26, 1886 (49th Cong., 1st sess.)	601,607.00
Act of March 3, 1887 (49th Cong., 2d sess.)	635,627.88
Act of September 7, 1888 (50th Cong., 1st sess.)	656,586.00
Act of March 2, 1889 (50th Cong., 2d sess.)	668,215.00
Act of June 30, 1890 (51st Cong., 1st sess.)	669,978.44
Act of March 2, 1891 51st Cong., 2d sess.)	678,801.18
Act of July 19, 1892 (52d Cong., 1st sess.)	670,047.50
Act of March 3, 1893 (52d Cong., 2d sess.)	678,842.13
Act of July 26, 1894 (53d Cong., 2d sess.)	683,184.42
Act of March 2, 1895 (53d Cong., 3d sess.)	678,007.67
Act of June 10, 1896 (54th Cong., 1st sess.)	746,660.17
Act of March 3, 1897 (55th Cong., 1st sess.)	746,503.97
Act of May 4, 1898 (55th Cong., 2d sess.)	860,918.00
Act of March 3, 1899 (55th Cong., 3d sess.)	1,580,243.00
Act of June 7, 1900 (56th Cong., 1st sess.)	1,672,618.00
Act of March 3, 1901 (56th Cong., 2d sess.)	1,683,868.00
Act of July 1, 1902 (57th Cong., 1st sess.)	1,805,693.00
Act of March 3, 1903 (57th Cong., 2d sess.)	2,070,668.00
Act of April 27, 1904 (58th Cong., 2d sess.)	2,098,765.50
Act of March 3, 1905 (58th Cong., 3d sess.)	2,328,524.28
Act of June 29, 1906 (59th Cong., 1st sess.)	2,779,276.48
Act of March 2, 1907 (59th Cong., 2d sess.)	2,843,998.46
Act of May 13, 1908 (60th Cong., 1st sess.)	4,047,259.63
Total	32,487,500.71

PERSONNEL LEGISLATION.

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Chaplains, pay and allowances shall in no case exceed that for lieutenant-commanders 560
Chiefs of bureaus, pay and allowances shall be the highest of grade to which belong and not below rear-admiral of lower nine 560
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PERSONNEL OF PRINCIPAL NAVAL POWERS.

Rank.	England.	France.	Germany.	Japan.	United States.
Flag officers	96	45	33	53	[a] 18
Captains and commanders	610	355	258	259	[a] 182
Other line officers and engineers [b]	3,268	1,802	1,719	1,798	795
Medical officers	501	[c] 377	210	[c] 318	296
Pay officers	571	201	205	277	201
Warrant officers	[d] 1,987	[e] 1,793	2,036	1,404	604
Enlisted men	99,319	44,577	[f] 47,286	41,966	42,400
Marine officers	520	.....	103	.....	333
Enlisted men (marines)	17,844	.....	1,365	.....	9,521

[a] The United States now has, in addition, temporarily, as extra numbers, due to promotion for war service, 6 flag officers, 13 captains, 10 commanders, 12 lieutenant-commanders, and 6 lieutenants.
[b] Does not include midshipmen.
[c] Includes pharmacists and apothecaries.
[d] Includes chief gunners, chief boatswains, chief signal boatswains, chief carpenters, chief artificer engineers, chief schoolmasters, and head schoolmasters.
[e] Includes adjutants, maitres and premier maitres of all branches
[f] Includes 1,365 men of the naval infantry. The German naval infantry forms an expeditionary corps. Its duty in war is to defend, and in peace to garrison the home fortified ports. One battalion forms the garrison of Kiauchau, China.

YEARLY NAVY PAY.

(Act of May 13, 1908.)

	Shore.	Sea.
Admiral	$13,500.00	$14,850.00
Rear-admirals:		
First nine	8,000.00	8,800.00
Second nine	6,000.00	6,600.00
Chiefs of bureaus	6,000.00	.....
Captains	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Commanders	3,500.00	3,850.00
After 5 years	3,850.00	4,235.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00
Lieutenant-commanders	3,000.00	3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Lieutenants	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Lieutenants, junior grade	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
After 15 years	2,600.00	2,860.00
After 20 years	2,800.00	3,080.00
Ensigns	1,700.00	1,870.00
After 5 years	1,870.00	2,057.00
After 10 years	2,040.00	2,244.00
After 15 years	2,210.00	2,431.00
After 20 years	2,380.00	2,618.00
Midshipmen:		
At Naval Academy	600.00	.....
After graduation	1,400.00	.....
Chief boatswains (rank with but after ensign)	1,700.00	1,870.00
Chief gunners (rank with but after ensign)		
Chief carpenters (rank with but after ensign)		
Chief sailmakers (rank with but after ensign)		
After 5 years	1,870.00	2,057.00
After 10 years	2,040.00	2,244.00
After 15 years	2,210.00	2,431.00
After 20 years	2,380.00	2,618.00
Medical directors (rank of captain)	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Medical inspectors (rank of commander)	3,500.00	3,850.00
After 5 years	3,850.00	4,235.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00
Surgeons (rank of lieutenant-commander)	3,000.00	3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Passed assistant surgeons (rank of lieutenant)	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Assistant surgeons (rank of lieutenant, junior grade)	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
After 15 years	2,600.00	2,860.00
After 20 years	2,800.00	3,080.00
Acting assistant surgeons (rank of lieutenant, junior grade)	2,000.00	.....
After 5 years	2,200.00	.....
After 10 years	2,400.00	.....
After 15 years	2,600.00	.....
After 20 years	2,800.00	.....
Pay directors (rank of captain)	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Pay inspectors (rank of commander)	3,500.00	3,850.00
After 5 years	3,850.00	4,235.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00

YEARLY NAVY PAY—Continued.

	Shore.	Sea.
Paymasters (rank of lieutenant-commander)	$3,000.00	$3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Paymasters (rank of lieutenant)	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Passed assistant paymasters (rank of lieutenant)	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Assistant paymasters (rank of lieutenant, junior grade)	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
After 15 years	2,600.00	2,860.00
After 20 years	2,800.00	3,080.00
Assistant paymasters (rank of ensign)	1,700.00	1,870.00
After 5 years	1,870.00	2,057.00
After 10 years	2,040.00	2,244.00
After 15 years	2,210.00	2,431.00
After 20 years	2,380.00	2,618.00
Chaplains (rank of, or above, lieutenant-commander)	3,000.00	3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Chaplains, appointed since June 29, 1906 (rank of lieutenant)	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Chaplains (rank of lieutenant, junior grade)	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
Professors of mathematics:		
Rank of captain	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Rank of commander	3,500.00	3,850.00
After 5 years	3,850.00	4,325.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00
Rank of lieutenant	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Secretary to Admiral (rank of lieutenant)	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Naval constructors:		
Rank of captain	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Rank of commander	3,500.00	3,850.00
After 5 years	3,850.00	4,235.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00
Rank of lieutenant-commander	3,000.00	3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Rank of lieutenant	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00

YEARLY NAVY PAY—Continued.

	Shore.	Sea.
Assistant naval constructors:		
Rank of lieutenant	$2,400.00	$2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Rank of lieutenant, junior grade	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
After 15 years	2,600.00	2,860.00
After 20 years	2,800.00	3,080.00
Civil engineers:		
Rank of captain	4,000.00	4,400.00
After 5 years	4,400.00	4,840.00
After 10 years	4,800.00	5,280.00
After 15 years	5,000.00	5,500.00
Rank of commander	3,500.00	3,850.00
After 5 years	3,850.00	4,235.00
After 10 years	4,200.00	4,620.00
After 15 years	4,500.00	4,950.00
Rank of lieutenant-commander	3,000.00	3,300.00
After 5 years	3,300.00	3,630.00
After 10 years	3,600.00	3,960.00
After 15 years	3,900.00	4,290.00
After 20 years	4,000.00	4,400.00
Rank of lieutenant	2,400.00	2,640.00
After 5 years	2,640.00	2,904.00
After 10 years	2,880.00	3,168.00
After 15 years	3,120.00	3,432.00
After 20 years	3,360.00	3,696.00
Assistant civil engineers:		
Rank of lieutenant, junoir grade	2,000.00	2,200.00
After 5 years	2,200.00	2,420.00
After 10 years	2,400.00	2,640.00
After 15 years	2,600.00	2,860.00
After 20 years	2,800.00	3,080.00
Rank of ensign	1,700.00	1,870.00
After 5 years	1,870.00	2,057.00
After 10 years	2,040.00	2,244.00
After 15 years	2,210.00	2,431.00
After 20 years	2,380.00	2,618.00
Warrant officers (boatswains, gunners, carpenters, sailmakers, warrant machinists and pharmacists):		
Sea pay—		
First 3 years	1,500.00	.....
Second 3 years	1,625.00	.....
Third 3 years	1,750.00	.....
Fourth 3 years	2,000.00	.....
After 12 years	2,250.00	.....
Shore pay—		
First three years	1,125.00	.....
Second three years	1,250.00	.....
Third three years	1,625.00	.....
Fourth three years	1,625.00	.....
After twelve years	2,000.00	.....
Leave pay—		
First three years	875.00	.....
Second three years	1,000.00	.....
Third three years	1,125.00	.....
Fourth three years	1,250.00	.....
After twelve years	1,500.00	.....
Pay clerks:		
Sea pay—		
First three years	1,500.00	.....
Second three years	1,625.00	.....
Third three years	1,750.00	.....
Fourth three years	2,000.00	.....
After twelve years	2,250.00	.....
Shore pay—		
First three years	1,125.00	.....
Second three years	1,250.00	.....
Third three years	1,625.00	.....
Fourth three years	1,625.00	.....
After twelve years	2,000.00	.....
Mates:		
At sea	1,125.00	.....
Shore	875.00	.....
Leave	625.00	.....

All officers, including warrant officers, who have been or may be appointed to the navy from civil life shall on the date of appointment be credited for computing their pay with five years' service (act March *1899, sec. 13,* personnel act).

NURSE CORPS (FEMALE).

PAY.

	Yearly.	Monthly.
Superintendent	$1,800.00	$150.00
Chief nurse		$45.00 to 75.00
Nurse, in United States		40.00
Nurse, on hospital ships or beyond continental limits		50.00

ALLOWANCES, ETC.

For quarters, when not occupying public quarters $15.00
For subsistence, when not receiving public subsistence, per day ..... .75
Traveling expenses allowed.
Will be checked 20 cents per month for naval hospital fund.

PETTY OFFICERS, ENLISTED MEN, ETC.—NAVY.

CLASSIFICATION AND PAY.

CHIEF PETTY OFFICERS.

Seaman branch.	Monthly pay.	Seaman branch.	Monthly pay.
Seaman branch:		Artificer branch—Continued:	
Chief masters at arms	$71.50	Chief electricians	$66.00
Chief boatswains' mates	55.00	Chief carpenters' mates	55.00
Chief gunners' mates	55.00	Chief water tenders	55.00
Chief turret captains	66.00	Special branch:	
Chief quartermasters	55.00	Chief yeomen	66.00
Artificer branch:		Hospital stewards	66.00
Chief machinists' mates	77.00	Bandmasters	57.20

PETTY OFFICERS, FIRST CLASS.

Seaman branch:		Artificer branch—Continued:	
Masters at arms, first class	$44.00	Electricians, first class	$55.00
Boatswains' mates, first class	44.00	Blacksmiths	55.00
Gunners' mates, first class	44.00	Plumbers and fitters	49.50
Turret captains, first class	55.00	Sailmakers' mates	44.00
Quartermasters, first class	44.00	Carpenters' mates, first class	44.00
Artificer branch:		Water tenders	44.00
Boilermakers	71.50	Painters, first class	44.00
Machinists' mates, first class	60.50	Special branch:	
Coppersmiths	60.50	Yeomen, first class	44.00
Shipfitters, first class	60.50	First musicians	39.60

PETTY OFFICERS, SECOND CLASS.

Seaman branch:		Artificer branch—Continued.	
Masters at arms, second class	$38.40	Shipfitters, second class	$44.00
Boatswains' mates, second class	38.50	Oilers	40.70
Gunners' mates, second class	38.50	Carpenters' mates, second class	38.50
Quartermasters, second class	38.50	Printers	38.50
Artificer branch:		Painters, second class	38.50
Machinists' mates, second class	44.00	Special branch:	
Electricians, second class	44.00	Yeomen, second class	38.50

PETTY OFFICERS, THIRD CLASS.

Seaman branch:		Artificer branch—Continued.	
Masters at arms, third class	$33.00	Carpenters' mates, third class	$33.00
Coxswains	33.00	Painters, third class	33.00
Gunners' mates, third class	33.00	Special branch:	
Quartermasters, third class	33.00	Yeomen, third class	33.00
Artificer branch:		Hospital apprentices, third class	33.00
Electricians, third class	33.00		

PETTY OFFICERS, ENLISTED MEN, ETC.—NAVY—Continued.

SEAMEN, FIRST CLASS.

Seaman branch:		Artificer branch—Continued.	
Seamen gunners	$28.60	Shipwrights	$27.50
Seamen	26.40	Special branch:	
Artificer branch:		Musicians, first class	35.20
Firemen, first class	38.50		

SEAMEN, SECOND CLASS.

Seaman branch:		Special branch:	
Ordinary seamen	$20.90	Musicians, second class	$33.00
Artificer branch:		Buglers	33.00
Firemen, second class	33.00	Hospital apprentices	20.00

SEAMEN, THIRD CLASS.

Seaman branch:		Artificer branch—Continued.	
Apprentice seamen	$17.60	Landsmen	$17.60
Artificer branch:		Special branch:	
Coal passers	24.20	Landsmen	17.60

MISCELLANEOUS.

Commissary branch:		Messmen branch—Continued:	
Chief commissary steward	$77.00	Cooks to commandants	$60.50
Commissary steward	66.00	Cabin stewards	60.50
Ship's cooks, first class	60.50	Cabin cooks	55.00
Ship's cooks, second class	44.00	Wardroom stewards	60.50
Ship's cooks, third class	33.00	Wardroom cooks	55.00
Ship's cooks, fourth class	27.50	Steerage stewards	44.00
Bakers, first class	49.50	Steerage cooks	38.50
Bakers, second class	38.50	Warrant officers' stewards	44.00
Landsmen	17.60	Warrant officers' cooks	38.50
Messmen branch:		Mess attendants, first class	30.00
Stewards to commander in chief	71.50	Mess attendants, second class	25.00
Cooks to commander in chief	60.50	Mess attendants, third class	20.00
Stewards to commandants	70.50		

MARINE CORPS.

(YEARLY PAY.)

Officers and enlisted force receive infantry army pay and allowances. For army pay, see act May 11, 1908.

Grade.	Pay.	After 5 years' service.	After 10 years.	After 15 years.	After 20 years.
Major-general commandant	$8,000.00				
Colonels	4,000.00	$4,400.00	$4,800.00	$5,000.00	$5,000.00
Lieutenant-colonels	3,500.00	3,850.00	4,200.00	4,500.00	4,500.00
Majors	3,000.00	3,300.00	3,600.00	3,900.00	4,000.00
Captains	2,400.00	2,640.00	2,880.00	3,120.00	3,360.00
First lieutenants and leader of band	2,000.00	2,200.00	2,400.00	2,600.00	2,800.00
Second lieutenants	1,700.00	1,870.00	2,040.00	2,210.00	2,380.00

MARINE CORPS—Continued.

ENLISTED MEN, PAY (MONTHLY).

Grade.	First enlistment.	Second enlistment.	Third enlistment.	Fourth enlistment.	Fifth enlistment.	Sixth enlistment.	Seventh enlistment.
Sergeant-major, Quartermaster-sergeant, First sergeant, Drum major	$45	$49	$53	$57	$61	$65	$69
Gunnery sergeant	35	39	43	47	51	55	59
Sergeant	30	33	36	39	42	45	48
Corporal	21	24	27	30	33	36	39
Drummer, Trumpeter, Private	15	18	21	22	23	24	25
Second leader of band	75	79	83	87	91	95	99
Musicians, first-class	60	60	60	60	60	60	60
Musicians, second-class	50	50	50	50	50	50	50

ADDITIONAL PAY PER MONTH.

Mess sergeant (on shore duty only company organization)	$6.00
Cooks, first class (on shore duty only)	10.00
Cooks, second class (on shore duty only)	8.00
Cooks, third class (on shore duty only)	7.00
Cooks, fourth class (on shore duty only)	5.00
Mess men (ashore and afloat)	5.00
Gun pointers (afloat only):	
Heavy gun pointers—	
First class	10.00
Second class	6.00
Intermediate gun pointers—	
First class	8.00
Second class	4.00
Secondary gun pointers—	
First class	4.00
Second class	2.00
Signalmen, first class (ashore and afloat)	3.00
Signalmen, second class (ashore and afloat)	2.00
Signalmen, third class (ashore and afloat)	1.00
Expert riflemen (ashore and afloat)	5.00
Sharpshooters (ashore and afloat)	3.00
Marksmen (ashore and afloat)	2.00
For each conduct medal, pin or bar	.75
Members of Marine Band, for playing at White House and public grounds	4.00

ALLOWANCES (NAVY).

[Where quarters in kind are not furnished.]

Admiral:
Commutation of quarters and fuel, $125 per month, $1,500 per annum.
No allowance for light.

Senior rear-admirals:
Commutation of quarters at $108 per month, $1,296 per annum.
Allowance for heat and light, $376.32 per annum.

Junior rear-admirals:
Commutation of quarters at $96 per month, $1,152 per annum.
Allowance for heat and light, $343.84 per annum.

Captains:
Commutation of quarters at $84 per month, $1,008 per annum.
Allowance for heat and light, $311.36 per annum.

Commanders:
Commutation of quarters at $72 per month, $864 per annum.
Allowance for heat and light, $278.88 per annum.

Lieutenant-commanders:
Commutation of quarters at $60 per month, $720 per annum.
Allowance for heat and light, $246.40 per annum.

ALLOWANCES (NAVY)—Continued.

Lieutenants:
Commutation of quarters, $48 per month, $576 per annum.
Allowance for heat and light, $213.92 per annum.
Lieutenants, junior grade:
Commutation of quarters at $36 per month, $432 per annum.
Allowance for heat and light, $173.44 per annum.
Ensigns:
Commutation of quarters at $24 per month, $288 per annum.
Allowance for heat and light, $140.96 per annum.
Midshipmen (at sea):
Commutation of rations, $0.30 per day, $109.50 per annum.
Medical directors.
Medical inspectors.
Surgeons.
Passed assistant surgeons.
Assistant surgeons.
} Allowances of rank.
Acting assistant surgeons:
Quarters in kind.
Commutation of rations at sea, $0.30 per day.
Pay directors.
Pay inspectors.
Paymasters.
Passed assistant paymasters.
Assistant paymasters.
Chaplains.
} Allowances of rank.
Professors of mathematics:
Allowances of rank.
Secretary to the Admiral:
Allowances of rank.
Naval constructors.
Assistant naval constructors.
Civil engineers.
Assistant civil engineers.
} Allowances of rank.
Chief boatswains:
Allowances of rank.
Boatswains:
Commutation of quarters of ensigns.
Commutation of rations, $0.30 per day at sea.
No allowance for heat and light.
Chief gunners:
Allowances of rank.
Gunners:
Commutation of quarters of ensigns.
Commutation of rations, at $0.30 per day.
No allowances for heat and light.
Chief carpenters:
Allowances of rank.
Carpenters:
Commutation of quarters of ensigns.
Commutation of rations at sea, $0.30 per day.
No allowance for heat and light.
Chief sailmakers:
Allowances of rank.
Warrant machinists:
Commutation of quarters of ensigns.
Commutation of rations at sea, at $0.30 per day.
No allowance for heat and light.
Pharmacists and mates:
Commutation of quarters of ensigns.
Commutation of rations at sea, at $0.30 per day.
No allowance for heat and light.
Pay clerks:
Commutation of quarters of ensigns.
Commutation of rations at sea, $0.30 per day.
No allowance for heat and light.

RATIONS.

No officer of the navy entitled to receive army pay and allowances receives commuted rations, nor does any officer of the Marine Corps. All other officers of the navy receive commuted rations when at sea, viz: Acting assistant surgeons, warrant officers, paymasters' clerks, and mates.

Midshipmen receive commuted rations at all times.

Rations in kind are furnished all enlisted men of the navy when on duty; these may be commuted in cases of chief petty officers, officers' servants, and in special cases where men are serving on shore.

Enlisted men of the Marine Corps receive the navy ration when at sea and the army ration when on shore.

The commuted value of the navy ration is fixed by law at 30 cents. Rations in kind are never issued to officers.

ALLOWANCES (MARINE CORPS).

Allowances of the Marine Corps are the same as the allowances of the army and of corresponding rank in the navy. (See table giving allowances of navy.)

CORRESPONDING RANK IN	
Navy.	Army and Marine Corps.
Admiral	General.
Vice-admiral	Lieutenant-general.
Rear-admiral, first nine	Major-general.
Rear-admiral, second nine	Brigadier-general.
Captain	Colonel.
Commander	Lieutenant-colonel.
Lieutenant-commander	Major.
Lieutenant	Captain.
Lieutenant, junior grade	First lieutenant.
Ensign	Second lieutenant.

PAY OF THE NAVY.

(Last Provisions Relating to Pay of the Navy.)

Pay of commissioned officers.

Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service, and the annual pay of each grade shall be as follows: For Admiral, thirteen thousand five hundred dollars; rear-admiral, first nine, eight thousand dollars; rear-admiral, second nine, or commodore, six thousand dollars; captain, four thousand dollars; commander, three thousand five hundred dollars; lieutenant-commander, three thousand dollars; lieutenant, two thousand four hundred dollars; lieutenant, junior grade, two thousand dollars; ensign, one thousand seven hundred dollars. There shall be allowed and paid to each commissioned officer below the rank of rear-admiral ten per centum of his current yearly pay for each term of five years service in the Army, Navy and Marine Corps. The total amount of such increase for length of service shall in no case exceed forty per centum

Longevity.

Maximum increase.

PAY OF THE NAVY—Continued.

on the yearly pay of the grade as provided by law: *Provided*, That the annual pay of captain shall not exceed five thousand dollars per annum; of commander, four thousand five hundred dollars per annum; and of lieutenant-commander, four thousand dollars per annum.

Additional for sea duty and foreign service.

All officers on sea duty and all officers on shore duty beyond the continental limits of the United States shall while so serving receive ten per centum additional of their salaries and increase as above provided, and such increase shall commence from the date of reporting for duty on board ship or the date of sailing from the United States for shore duty beyond the seas or to join a ship in foreign waters.

Midshipmen.

The pay of midshipmen shall hereafter be six hundred dollars per annum while at the Naval Academy, and one thousand four hundred dollars per annum after graduation from the Naval Academy.

Warrant officers, mates, and paymasters' clerks.

The pay of all warrant officers and mates is hereby increased twenty-five per centum, and all paymasters' clerks shall, while on duty,

See sec. 1556, R. S., for original pay.

receive the same pay and allowances as warrant officers of like length of service in the Navy. The pay of

Enlisted men.

all active and retired enlisted men of the Navy is hereby increased ten per centum: *Provided further*, That the pay

Chiefs of bureaus.

and allowances of chiefs of bureaus in the Navy Department shall be the highest pay of the grade to which they belong, and not below that of rear-admiral of the lower

Chaplains.

nine, and that the pay and allowances of chaplains in the Navy shall in no case exceed that provided for lieutenant-commanders.

Aids to rear-admirals.

Aids to rear-admirals embraced in the nine lower numbers of that grade shall each receive one hundred and fifty dollars additional per annum, and aids to all other rear-admirals, two hundred dollars additional per annum each.

Retirement after 30 years' service.

When an officer of the Navy has been thirty years in the service, he may, upon his own application, in the discretion of the President, be retired from active service and placed upon the retired list with three-

Retiring bureau chiefs.

fourths of the highest pay of his grade: *And provided further*, That any officer of the Navy who is now serving or shall hereafter serve as chief of a bureau in the Navy Department, and shall subsequently be retired, shall be

Basis of pay of retired officers.

retired with the rank, pay and allowances authorized by law for the retirement of such bureau chief. The pay of all commissioned, warrant and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned, warrant and appointed officers and enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by

No reduction of present pay.

Act of Congress. Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant or appointed officer or any enlisted man of the active or retired lists of the Navy, and all laws inconsistent with this provision are hereby repealed. [Act May 13, 1908.]

PAY OF THE NAVY—Continued.

In computing the pay of retired officers of the Navy, the ten per cent additional pay allowed for sea duty or for shore duty beyond the continental limits of the United States shall not be included, and the pay of commodore shall be the same in all respects as that of rear admiral, second nine. [Act May 30, 1908.]

Hospital Corps.

The pay of enlisted men of the Hospital Corps shall be the same as that provided for the corresponding ratings of the seaman branch and other staff corps of the Navy. [Act May 13, 1908.]

Female nurse corps.

The nurse corps (female) of the United States Navy is hereby established, and shall consist of one superintendent, to be appointed by the Secretary of the Navy, who shall be a graduate of a hospital training school having a course of instruction of not less than two years, whose term of office may be terminated at his discretion, and of as many chief nurses, nurses, and reserve nurses as may be needed: *Provided*, That all nurses in the nurse corps shall be appointed or removed by the Surgeon-General, with the approval of the Secretary of the Navy, and that they shall be graduates of hospital training schools having a course of instruction not less than two years. The appointment of superintendent, chief nurses, nurses, and reserve nurses shall be subject to an examination as to their professional, moral, mental, and physical fitness, and that they shall be eligible for duty at naval hospitals and on board of hospital and ambulance ships and for such special duty as may be deemed necessary by the Surgeon-General of the Navy. Reserve nurses may be assigned to active duty when the necessities of the service demand, and when on such duty shall receive the pay and allowances of nurses: *Provided*, That they shall receive no compensation except when on active duty. The superintendent, chief nurses, and nurses shall respectively receive the same pay, allowances, emoluments, and privileges as are now or may hereafter be provided by or in pursuance of law for the nurse corps (female) of the Army. (Act May 13, 1908.)

ALLOWANCES.

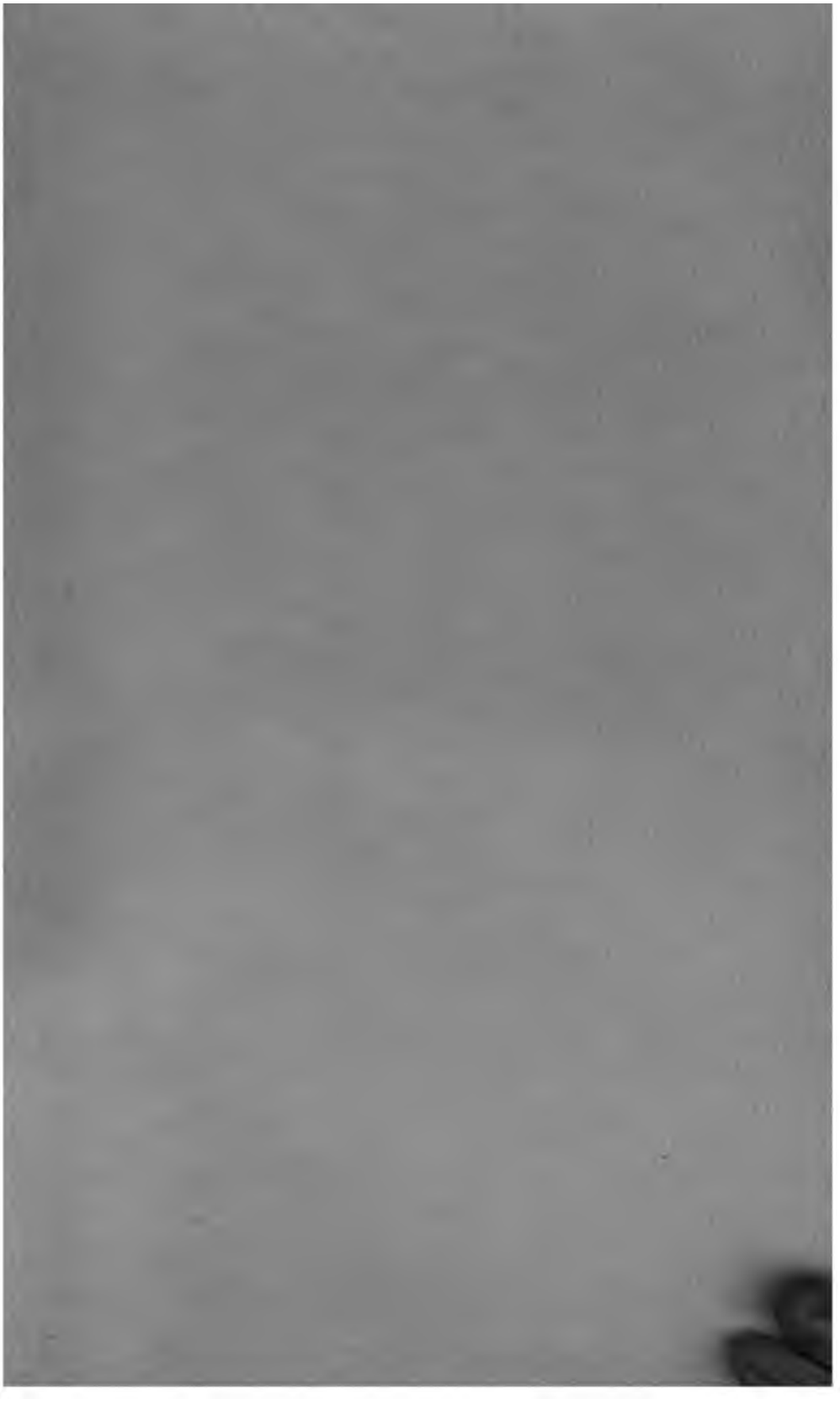
Allowances, Navy.

Under sec. 13 personnel act (Yearbook page 601) commissioned officers receive the same allowances, except forage, as are or may be provided for officers of corresponding rank in the Army. (Act Mch. 3. 1899.)

MARINE CORPS PAY.

Marine Corps, pay and allowances.

Sec. 1612, R. S.: The officers of the Marine Corps shall be entitled to receive the same pay and allowances, and the enlisted men shall be entitled to receive the same pay and bounty for reenlisting, as are or may be provided by or in pursuance of law for the officers and enlisted men of like grades in the Infantry of the Army.



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